

VINOBA BHAVE UNIVERSITY, HAZARIBAG

(Examination Department)

Programme for B.Tech. 1st Semester Exam. 2021 (New)

Name of the Centre	Name of the Colleges
B.I.T., Sindri	B.I.T., Sindri
	GGSESTC, Chas, Bokaro
	K.K.College of Engg. & Mgt., Govindpur
UCET, Hazaribag	UCET, Hazaribag
	Govt. Engg. College, Ramgarh
	R.I.T., Koderma

Timing : 9.30 A.M. to 12.30 P.M.

Dates	Subjects
05.07.2022	MATHEMATICS-I
06.07.2022	PHYSICS/CHEMISTRY
07.07.2022	ENGLISH FOR COMMUNICATION
08.07.2022	ELECTRICAL TECHNOLOGY/COMPUTER PROGRAMMING & DATA STRUCTURE
09.07.2022	INTRO. TO MANU. PROCESS/ ENGG. DRAWING & GRAPHICS

Note:

1. परीक्षा केन्द्र में Mask एवं Gloves पहनकर आना अनिवार्य है।
2. B.Tech. 1st Sem. में सत्र 2017-21 के सभी अभियंत्रण महाविद्यालय के परीक्षार्थी सम्मिलित होंगे एवं UCET के सत्र 2017-21 से 2021-25 तक के परीक्षार्थी परीक्षा में सम्मिलित होंगे।
3. Examinees are required to bring their "ADMIT CARD" on each day of examination, without which he/she may not be allowed to appear in the examination.
4. Any special marking by the examinees or any other person for the purpose of unauthorized defiance of the coding of the answer book is prohibited and even punishable under the regulations.
5. There will be no re-examination in case of walkout or cancellation of examination.
6. All undesirable material such as Mobile and Programmable calculator are strictly prohibited.

By order of the Vice-Chancellor
Sd/-

(Dr.G.S.Tiwari)

Controller of Examinations,

Dated - 20/06/22..

Memo No./VBU/Ex-181/.../406/2022

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10. Confidential Section/Concerned Assistant/ Account Section/Store, Exam., V.B.U.
11. P.A. to VC/PVC for kind information to the VC/PVC.
12. University website (www.vbu.ac.in)



DIRECTOR
GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

20/06/22
Controller of Examinations,

VINOBA BHAVE UNIVERSITY, HAZARIBAG

(Examination Department)

Programme for B.Tech. 3rd Semester Exam. 2021 (New)

Name of the Centre	Name of the Colleges
B.I.T., Sindri	B.I.T., Sindri
	GGSESSTC, Chas, Bokaro
	K.K.College of Engg. & Mgt., Govindpur
UCET, Hazaribag	UCET, Hazaribag
	Govt. Engg. College, Ramgarh
	R.I.T., Koderma

Timing : 1.30 P.M. to 4.30 P.M.

Dates	Mech.	Prod.	Elect./ EEE	ECE	CSE	IT.	Civil	Min	Met.	Chem
05.07.2022	Math-III	Math-III	Math-III	Math-III	Math-III	Math-III	Math-III	Math-III	Math-III	Math-III
06.07.2022	Mat. Engg.	Mat. Engg.	Basic Electro.	Basic Electro.	Basic Electro.	Basic Electro.	CE-Mat. & Const.	Mat. Engg.	Mat. Engg.	Mat. Eng.
07.07.2022	Thermo.	Thermo.	Elect. M/C	DE/DLD	DE/DLD	DE/DL D	SOM	Min Geo-I	MTK	CET
08.07.2022	TOM	TOM	NT	NT	DS & Algo	DS & Algo	Surv. & Geo.	Surv. & Geo.	FRF	ITT
09.07.2022	SOM	SOM	EMFT	EMFT	FLAT	FLAT	Geo & Soil Mech.	IMT	Mat. Anal.	FM
11.07.2022	Env. Sc.	Env. Sc.	Biology	Biology/ Env.Sc.	Biology	Biology	Env.Sc.	Env.Sc.	Env.Sc.	Env.Sc.

Note:

1. परीक्षा केन्द्र में Mask एवं Gloves पहनकर आना अनिवार्य है।
2. B.Tech. 3rd Sem. में सत्र 2017-21 के सभी अभियंता महाविद्यालय के परीक्षार्थी सम्मिलित होंगे एवं UCET के सत्र 2017-21 से 2020-24 तक के परीक्षार्थी परीक्षा में सम्मिलित होंगे।
3. Examinees are required to bring their "ADMIT CARD" on each day of examination, without which he/she may not be allowed to appear in the examination.
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By order of the Vice-Chancellor
Sd/-

(Dr. G.S.Tiwari)

Controller of Examinations,

Dated - 20/06/22

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VINOBA BHAVE UNIVERSITY, HAZARIBAG

(Examination Department)

Programme for B.Tech. 6th Semester Exam. 2021 (New)

Name of the Centre	Name of the Colleges
B.I.T., Sindri	B.I.T., Sindri
	GGSESTC, Chas, Bokaro
	K.K.College of Engg. & Mgt., Govindpur
UCET, Hazaribag	UCET, Hazaribag
	Govt. Engg. College, Ramgarh
	R.I.T., Koderma

Timing : 1.00 P.M. to 4.00 P.M.

Date	Mech.	Elect. & EEE	Prod.	Met.	Chem.	Civil	ECE	MIn	CSE	IT
05/12/21	Solid Mechanics	Power Electronics	Machine Tool Design.	Iron & Steel Making	Process Equipment Design	WRE-II	Power Electro/ Image Process	Surface Mining Tech.	Image Process	Image Process
10/12/21	Manf. Tech.	Ind.Elect. Sys/High Voltage Engg/DSP	MP-III	Non. Fer. Tech.	Solution Thermo.	Str.Anly II	Digital Signal Process.	Rock Mech.	Comp. Graphic	MIS/ E.Comm.
13/12/21	Design. of Trans.Sys/ Machine Tool Design	Green Energy Tech.	M.M.P.	Metal Forming Tech.	Adv. Mass Transfer	Trans. Engg.	Inform. Retr. Tech/ Comp. Net.	MEE	Inform. Retr. Tech/ Cloud Computing	Inform. Retr. Tech/ Cloud Computing
15/12/21	Industrial Robotics/ CAD	Soft Comp. Tech/ Energy Storage Sys.	O.R.	Mech. Behav. of Metal	Heter. Catalysts/ Chemical Reactor Design	Env. Impact Assess./ Oper. Res. Tech.	VISI Design	EEM	Soft Comp/ Internet Of things	Soft Comp/ Internet Of things
17/12/21	Automobile Engg.	Power System-II	Ind. Auto. & Rob.	Joining of Material	Energy Option/ Fertilizer Tech.	Const. Tech. & Mgt/ Remote Sens. & Its App.	Micro Engg.	OR	Comp. Net.	Comp. Net.
20/12/21	Enterpre- neurship	Enterpre- neurship	Enterpre- neurship	Enterpre- neurship	Enterpre- neurship	Enterpre- neurship	Enterpre- neurship	Enterpre- neurship	Enterpre- neurship	Enterpre- neurship

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- UCET के सभी संबंधित परीक्षार्थी इस परीक्षा में सम्मिलित हो सकते हैं। शेष सभी अभ्यर्थक गढ़ाविद्यालय के सत्र 2017-18 के परीक्षार्थी ही सम्मिलित होंगे।
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- Practical Examinations will be commence after completion of theory papers.

By order of the Vice-Chancellor
Sd/-
(Dr. G.S.Tiwari)
Controller of Examinations,



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DIRECTOR
GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

VINOBA BHAVE UNIVERSITY, HAZARIBAG

(Examination Department)

Programme for B.Tech. 4th Semester Exam. 2021 (New)

Name of the Centre	Name of the Colleges
B.I.T., Sindri	B.I.T., Sindri
	GGSESSTC, Chas, Bokaro
	K.K.College of Engg. & Mgt., Govindpur
UCET, Hazaribag	UCET, Hazaribag
	Govt. Engg. College, Ramgarh
	R.I.T., Koderma

Timing : 1.00 P.M. to 4.00 P.M.

Date	Mech.	Prod.	Elect. & EEE	ECE	CSE	I.T.	Civil	Min	Met	Chem.
07.12.2021	Math-IV	Math-IV	Math-IV	Math-IV	Math-IV	Math-IV	Math-IV	Math-IV	Math-IV	Math-IV
09.12.2021	Electro. & Instru. Engg.	Electro. & Instru. Engg.	Data Str. & Algor	Data Str. & Algor	Discrete Maths	Discrete Maths	Electro. & Instru. Engg.	Electro. & Instru. Engg.	Electro. & Instru. Engg.	Electro. & Instru. Engg.
11.12.2021	Applied Thermo	Ind.Mgt & Plant.Engg	Power Sys-I	Analog Comm.	Design & Anal of Algor.	Design & Anal of Algor.	Fluid Mech.	Min Geo-I	Physical Met.	Ind Che Calculat
14.12.2021	Fluid Mech. & Fluid Machine	Fluid Mech. & Fluid Machine	Measur. & Instr.	SCD	COA	COA	Structural Anal-I	Mines Surveying	Mineral Engg.	Chemical Tech.
16.12.2021	Manf. Process-I	Manf. Process-I	Analog Electro.	Analog Electro.	Object Oriented Prog.	Object Oriented Prog.	Con. Str.-I	Mine Develop. & Method	Intro. to Trans. Phenom.	Fluid Particle Operat
18.12.2021	Biology	Biology	Env. Sc.	Env.Sc./ Biology	Env.Sc./ Biology	Env.Sc./ Biology	Biology	Biology	Biology	Biology

Note:

- UCET के सभी संबंधित परीक्षार्थी इस परीक्षा में सम्मिलित हो सकते हैं। रोष तभी अनिवार्य महाविद्यालय के सत्र 2017-18 के परीक्षार्थी ही सम्मिलित होंगे।
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- Practical Examinations will be commence after completion of theory papers.

By order of the Vice-Chancellor
Sd/-

(Dr. G.S.Tiwari)

Controller of Examinations,
Dated - 24/11/21

Memo No/VBU/Ex-481/.../2021

Copy to:

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- Concerned C.S., V.B.U.
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- S.P., Dhanbad/Hazaribag.
- SDO, Sadar, Dhanbad/Hazaribag.
- Principal District Judge, Dhanbad/Hazaribag.
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- University website (www.vbu.ac.in)

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DIRECTOR
GGSESSTC, Kandra, Chas
Bokaro, Jharkhand-824113
24/11/21
Controller of Examinations

VINOBA BHAVE UNIVERSITY, HAZARIBAG
(Examination Department)

Programme for B.Tech. 2nd Semester Exam. 2021 (New)

Name of the Centre	Name of the Colleges
B.I.T., Sindri	B.I.T., Sindri
	GGSESSTC, Chas, Bokaro
	K.K.College of Engg. & Mgt., Govindpur
UCET, Hazaribag	UCET, Hazaribag
	Govt. Engg. College, Ramgarh
	R.I.T., Koderma

Timing : 9.00 A.M. to 12.00 NOON

Dates	Subjects
07.12.2021	Engg. Mechanics
09.12.2021	Physics/Chemistry
11.12.2021	Mathematics-II
14.12.2021	Electrical Technology/Computer Programming & Data Structure
16.12.2021	Intro. to Manu. Process/Engg. Drawing & Graphics

Note:

1. UCET के सभी संबंधित परीक्षार्थी इस परीक्षा में सम्मिलित हो सकते हैं। शेष सभी अभियंत्रण महाविद्यालय के सत्र 2017-18 के परीक्षार्थी ही सम्मिलित होंगे।
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By order of the Vice-Chancellor
Sd/-

(Dr. G.S.Tiwari)

Controller of Examinations,

Dated - 24/11/2021

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Controller of Examinations,
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GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

VINOBA BHAVE UNIVERSITY, HAZARIBAG

(Examination Department)

Programme for B.Tech. 1ST Semester Exam. 2020 (Old)

Name of the Centre	Name of the Colleges
B.I.T., Sindri	B.I.T., Sindri
	GGSESTC, Chas, Bokaro
	K.K.College of Engg. & Mgt., Govindpur
UCET, Hazaribag	UCET, Hazaribag
	Govt. Engg. College, Ramgarh
	R.I.T., Koderma

Timing : 1.00 P.M. to 4.00 P.M.

Dates	Subjects
23.05.2022	ENGINEERING MECHANICS
24.05.2022	ENGINEERING CHEMISTRY-I
25.05.2022	BASIC ELECTRICAL ENGINEERING
26.05.2022	ENGINEERING PHYSICS-I
27.05.2022	MATHEMATICS-I
28.05.2022	P.C.E.

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Controller of Examinations.

Memo No./VBU/Ex-481/....11.27./2022

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Signature of Controller of Examinations
10/5/22
10/05/22

DIRECTOR
GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

VINOBA BHAVE UNIVERSITY, HAZARIBAG

(Examination Department)

Programme for B.Tech. 2nd Semester Exam. 2020 Old

Name of the Centre	Name of the Colleges
B.I.T., Sindri	B.I.T., Sindri
	GGSESTC, Chas, Bokaro
	K.K. College of Engg. & Mgt., Govindpur
UCET, Hazaribag	UCET, Hazaribag
	Govt. Engg. College, Ramgarh
	R.I.T., Koderma

Timing : 9.00 A.M. to 12.00 NOON

Dates	Mech., EE, ECE, Prod., Civil,, Met., CSE, IT, EEE & Min	Chemical
23.05.2022	Engg. Physics-II	Engg. Physics-II
24.05.2022	FCP	FCP
25.05.2022	Environment and ecology	Engg. Chem.-II
26.05.2022	Basic Electronics	Basic Electronics
27.05.2022	Mathematics-II	Mathematics-II
28.05.2022	Engg. Thermodynamics	Engg. Thermodynamics

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Controller of Examinations

Dated - 10/05/2022

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Bokaro, Jharkhand-827013

VINOBA BHAVE UNIVERSITY, HAZARIBAG

(Examination Department)

Programme for B.Tech. 3rd Semester Exam. 2020 Old

Name of the Centre	Name of the Colleges
B.I.T., Sindri	B.I.T., Sindri
	GGSESTC, Chas, Bokaro
	K.K.College of Engg. & Mgt., Govindpur
UCET, Hazaribag	UCET, Hazaribag
	Govt. Engg. College, Ramgarh
	R.I.T., Koderma

Timing : 9.00 A.M. to 12.00 NOON

Date	Mech.	Prod.	Elect./EEE	ECE	CSE	I.T.	Civil	Min.	Met.	Chem.
30.05.2022	Num. Anly. & Prog.	Num. Anly. & Prog.	Num. Anly. & Prog.	Num. Anly. & Prog.	Num. Anly. & Prog.	Num. Anly. & Prog.	Num. Anly. & Prog.	Num. Anly. & Prog.	Num. Anly. & Prog.	Num. Anly. & Prog.
31.05.2022	Material Science (A)	Material Science (A)	Material Science (B)	Material Science (B)	Material Science (B)	Material Science (B)	Built. Mat.	Material Science (A)	Material Science (A)	Material Science (A)
01.06.2022	Math-III	Math-III	Math-III	Math-III	Math-III	Math-III	Math-III	Math-III	Math-III	Math-III
02.06.2022	Thermo.	Thermo.	Network Theory	Network Theory	P.P.L	P.P.L	Survey-I	Survey-I	Trans. Phenom. Engg.	Fluid Mech For Chem. Engg.
03.06.2022	M.O.S-I	M.O.S-I	Elect. M/C-I	Data Struct.	Data Struct.	Data Struct.	M.O.S-I	M.O.S-I	M.O.S-I	Chem Engg. Thermo-I
04.06.2022	K.O.M.	K.O.M.	Dig.Elect. & Integra. Circuit	Dig.Elect. & Integra. Circuit	Dig.Elect. & Integra. Circuit	Dig.Elect. & Integra. Circuit	Build Const.	Engg. Geo.-I	Met. Anly.	Heat Transfer-I

Note:

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(Dr. G.S.Tiwari)

Controller of Examinations,

Dated - 10/05/2022

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Bokaro, Jharkhand-827013
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VINOBA BHAVE UNIVERSITY, HAZARIBAG

(Examination Department)

Programme for B.Tech. 4th Semester Exam. 2020 Old

Name of the Centre	Name of the Colleges
B.I.T., Sindri	B.I.T., Sindri
	GGSESSTC, Chas, Bokaro
	K.K.College of Engg. & Mgt., Govindpur
UCET, Hazaribag	UCET, Hazaribag
	Govt. Engg. College, Ramgarh
	R.I.T., Koderma

Timing : 2.00 P.M. to 5.00 P.M.

Date	Mech.	Prod.	Elect. & EEE	ECE	CSE	IT.	Civil	Min	Met	Chem
30.05.2022	Math-IV	Math-IV	Math-IV	Math-IV	Math-IV	Math-IV	Math-IV	Math-IV	Math-IV	Math-IV
31.05.2022	Prob. & Stat	Prob. & Stat	Prob. & Stat	Prob. & Stat	Prob. & Stat	Prob. & Stat	Prob. & Stat	Prob. & Stat	Prob. & Stat	Prob. & Stat
01.06.2022	Fluid Mech.	Fluid Mech.	Analog Electro.	Analog Electro.	Analog Electro.	Analog Electro.	Fluid Mech. (Civil)	Fluid Mech.	M.T.K.	ICC
02.06.2022	Fluid Machine	Fluid Machine	Power Sys. I	Comm. System	Comm. System	Comm. System	Engg. Geology	Intro. To Mine Tech.	F.R.F.	F.P.O.
03.06.2022	Manu. Tech.-I	M.P.-I	Inst.-I	Inst.-I	DBMS	DBMS	Str. Anly-I	Engg. Geo-II	Mat. Charact	P.E.-I
04.06.2022	CAD-G	CAD	Sig. & System	Semi. Cond. Device	JAVA	JAVA	Survey-II	Min. Process Engg.	Min. Process Engg.	CET-II

Note:

1. परीक्षा केन्द्र में Mask एवं Gloves पहनकर आना अनिवार्य है।
2. Examinees are required to bring their "ADMIT CARD" on each day of examination, without which he/she may not be allowed to appear in the examination.
3. Any special marking by the examinees or any other person for the purpose of unauthorized defiance of the coding of the answer book is prohibited and even punishable under the regulations.
4. There will be no re-examination in case of walkout or cancellation of examination.
5. All undesirable material such as Mobile and Programmable calculator are strictly prohibited.

By order of the Vice-Chancellor

SD/-

(Dr. G.S. Tiwari)

Controller of Examinations

Dated - 10/05/2022

Memo No./VBU/Ex-481/...11.29.../2022

Copy to:

1. Director, all Engineering Colleges under V.B.U., Hazaribag.
2. Concerned C.S., V.B.U.
3. D.C., Dhanbad/Hazaribag.
4. S.P., Dhanbad/Hazaribag.
5. SDO, Sadar, Dhanbad/Hazaribag.
6. Principal District Judge, Dhanbad/Hazaribag.
7. Registrar/F.O., V.B.U.
8. Director, Computer Cell, Exam., V.B.U.
9. O.S.D. (Exams.), V.B.U.
10. Confidential Section/Concerned Assistant/ Account Section/S.O., Exam., V.B.U.
11. P.A. to VC/PVC for kind information to the VC/PVC.
12. University website (www.vbu.ac.in)



DIRECTOR
GGSESSTC, Kandra, Chas
Bokaro, Jharkhand-827013

VINOBA BHAVE UNIVERSITY, HAZARIBAG

(Examination Department)

Programme for B.Tech. 5th Semester Exam. 2020 (Old)

Name of the Centre	Name of the Colleges
B.I.T., Sindri	B.I.T., Sindri
	GGSESTC, Chas. Bokaro
Multipurpose Exam. Hall, VBU, Hazaribag	K.K. College of Engg. & Mgt., Govindpur
	UCET, Hazaribag
	Govt. Engg. College, Ramgarh
	R.I.T., Koderma

Timing : 1.00 P.M. to 4.00 P.M.

Date	Mech.	Electrical EEE	Prod.	Met.	Chem.	Civil	ECE	Mining	CSF	IT
09.05.22	H.M.I.	E.M.F.	P.T.D.-I	Principial of Phy. Met.	Process Instrumen	WRE-I	E.M.F.	L.C.M.-I	ICS	IT
11.05.22	M.O.S.-II	P.S.-II	Metrology	Iron Making	MTO-I	Str. Mech.	Dig. Comm.	Surface Mining Method	Soft Engg.	Soft Engg.
13.05.22	Applied Thermo	Micro. & Interface	Engg. Eco.	Phase Transfer Method	P.E.-II	Env. Engg.	Micro. & Interface	Mine Survey	Macro. & Interface	Macro. & Interface
17.05.22	E.E.M.	Inst. M.C.-II	Manuf. Process-II	Phy of Metal	Fluidization	Geo. Tech. Engg.	Comp. Org. & Arch	Mining M.C.-I	Comp. Org. & Arch	Comp. Org. & Arch
19.05.22	Abstr. Tech.-II	Inst. M.C.-II Semi Coord. Device	Ind Org. & Mgt.	Mech. Behav. of Met.	C.R.E.-I	Steel Str-I	Linear & Dig. Control system	Mine Engg.	Formal Language & Automata Theory	Formal Language & Automata Theory

Note:

1. परीक्षा केन्द्र में Mask एवं Gloves पहनकर आना अनिवार्य है।
2. Examinees are required to bring their "ADMIT CARD" on each day of examination, without which he/she may not be allowed to appear in the examination.
3. Any special marking by the examinees or any other person for the purpose of unauthorized defiance of the coding of the answer book is prohibited and even punishable under the regulations.
4. There will be no re-examination in case of walkout or cancellation of examination.
5. All undesirable material such as Mobile and Programmable calculator are strictly prohibited.
6. Practical Examinations will be commence after completion of theory papers.

By order of the Vice-Chancellor
Sd/-

(Dr. G.S. Tiwari)

Controller of Examinations,

Dated - 28/04/2022

Memo No. VBU EX-481 / 1023 / 2022

Copy to:

1. Director, all Engineering Colleges under V.B.U., Hazaribag.
2. Concerned C.S., V.B.U.
3. D.C., Dhanbad/Hazaribag.
4. S.P., Dhanbad/Hazaribag.
5. SDO, Sadar, Dhanbad/Hazaribag.
6. Principal District Judge, Dhanbad/Hazaribag.
7. Registrar/F.O., V.B.U.
8. Director, Computer Cell, Exam., V.B.U.
9. O.S.D. (Exams.), V.B.U.
10. Confidential Section/Concerned Assistant Account Section/Store, Exam., V.B.U.
11. P.A. to VC/PVC for kind information to the VC/PVC.
12. University website (www.vbu.ac.in)

Unofficial BIT Prog.



DIRECTOR
GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

Controller of Examinations

VINOBA BHAVE UNIVERSITY, HAZARIBAG

Programme for B.Tech. 5th Semester Exam. 2021 (New)

Name of the Centre	Name of the Colleges
B.I.T., Sindri	B.I.T., Sindri
	GGSESTC, Chas, Bokaro
	K.K.College of Engg. & Mgt., Govindpur
Multipurpose Exam. Hall, VBU, Hazaribag	UCET, Hazaribag
	Govt. Engg. College, Ramgarh
	R.I.T., Koderma

Time : 1.00 P.M. to 4.00 P.M.

Date	Mechanical	Electrical-EEE	Production	Met.	Chem.	Civil	ECE	Mining	CSE	IT
09.05.22	Heat Transfer	Control Sys.-I	Metrolo. & Measur.	Material Charac.	Ind. Process Control	WRE-I	Micro & Interface	LCM-I	OS	OS
11.05.22	OR NCER	Microproce Microcontr.	Engg. Eco.	DOM	MTD-I	Mech. of Material	Dig. Comm.	Meta/Infer Mining Methods	DBMS	DBMS
13.05.22	IC Engine	Elect M C-II	Manuf. Process	HMM	Fluidization Engg.	Steel Str-I	Linear Control System	Mine Ventilats. Engg.	Web Technol.	Web Tech.
17.05.22	Project Mgt. Principal of Mgt.	Signal & System	Works Study & Ergono.	Physio. Metal	Env. Engg. Indus. Poll. Cont.	Env. Engg.	Signal & System	Mining Machinery	Compt. Design.	Com Design
19.05.22	Design of Mech. Element	Digital Sys. Design/ Power Plant Engg.	CAD CAM	Powder Metallurgy	C.R.E.-I	Air Poll. Cont.	Comp. Arch. Electro. Inst. Web Tech.	Mineral Process Engg.	PPI	PPI

Note:

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5. All undesirable material such as Mobile and Programmable calculator are strictly prohibited.
6. Practical Examinations will be commence after completion of theory papers.

By order of the Vice-Chancellor
Sd -

(Dr. G.S. Tiwari)

Controller of Examinations

Memo No. VBU Ex-481 1024 2022

Dated - 28.04.2022

Copy to:

1. Director, all Engineering Colleges under V.B.U., Hazaribag.
2. Concerned C.S., V.B.U.
3. D.C., Dhanbad/Hazaribag.
4. S.P., Dhanbad/Hazaribag.
5. SDO, Sadar, Dhanbad-Hazaribag.
6. Principal District Judge, Dhanbad/Hazaribag.
7. Registrar/F.O., V.B.U.
8. Director, Computer Cell, Exam., V.B.U.
9. Confidential Section/Concerned Assistant Account Section/Store, Exam., V.B.U.
10. P.A. to VC/PVC for kind information to the VC/PVC.
11. University website (www.vbu.ac.in)

DIRECTOR

GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

Controller of Examinations



VINOBA BHAVE UNIVERSITY, HAZARIBAG

(Examination Department)

Programme for B.Tech. 6th Semester Exam. 2020 (Old)

Name of the Centre	Name of the Colleges
B.I.T., Sindri	B.I.T., Sindri
	GGSESTC, Chas. Bokaro
	K.K. College of Engg. & Mgt., Govindpur
Multipurpose Exam. Hall, VBU, Hazaribag	UCET, Hazaribag
	Govt. Engg. College, Ramgarh
	R.I.T., Koderma

Timing : 9.00 A.M. to 12.00 NOON

Date	Mech.	Prod.	Elect. & FET	ECE	CSE	I.T.	Civil	Min	Met	Chem.
09.05.22	D.O.M.	M.P.-III	Mgt. Con. & Tech	Ind. Mgt	Ind. Mgt.	V.F.P.	Con. Str. I	UMM	PEM	Energy Option Benth Tech
11.05.22	Auto Engg	Work Study & Ergo.	Micro&Micro contr. Comm.Sys.	D.S.P.	Compil. Dgn.	F.M.A.	W.R.E.-II	Elect. Engg. In Mines	Steel Making	Mat. of Con.
13.05.22	RAC	M.M.P.	Ctrl. Sys.-I	Micro. Engg.	Soft. Compu.	Soft. Compu.	Str. Anly. II	Rock Mech.	Non. Fer. Tech	MIO-II
17.05.22	Auto (CAM)	O.R.	PPAS	Comp. Network	Comp. Network	Comp. Network	Trans. Engg.	Mine Env. Engg.-II	Deg. of Mat	CRI
19.05.22	Machine Design	P.T.D.-II	Power Electro.	Power Electro.	D.A.A.	D.A.A.	Steel Str.-II	R.E.E	M.F.T.	P.L.D

Note:

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4. There will be no re-examination in case of walkout or cancellation of examination.
5. All undesirable material such as Mobile and Programmable calculator are strictly prohibited.
6. Practical Examinations will be commence after completion of theory papers.

By order of the Vice-Chancellor
Sd.

(Dr. G.S. Tiwari)

Controller of Examinations.

Dated - 28/04/2022

Memo No./VBU/Ex-481/... 1625/2022

Copy to:

1. Director, all Engineering Colleges under V.B.U., Hazaribag.
2. Concerned C.S., V.B.U.
3. D.C.S.P. SDO, Dhanbad/Hazaribag.
4. Principal District Judge, Dhanbad/Hazaribag.
5. Registrar F.O., V.B.U.
6. Director, Computer Cell, Exam., V.B.U.
7. Confidential Section/Concerned Assistant Account Section, Store, Exam., V.B.U.
8. P.A. to VC/PVC for kind information to the VC/PVC.
9. University website (www.vbu.ac.in)

DIRECTOR

GGSESTC, Kandra, Chas.
Bokaro, Jharkhand-827013

Umeriyat/Bit Proq



Controller of Examinations

VINOBA BHAVE UNIVERSITY, HAZARIBAG

(Examination Department)

Programme for B.Tech. 7th Semester 2021 (New) Exam.

Name of the Centre	Name of the Colleges
B.I.T., Sindri	B.I.T., Sindri
	GGSESTC, Chas, Bokaro
	K.K.College of Engg. & Mgt., Govindpur
Multipurpose Exam. Hall, VBU, Hazaribag	UCET, Hazaribag
	Govt. Engg. College, Ramgarh
	R.I.T., Koderma

Timing : 9.00 A.M. to 12.00 NOON

Dates	Mech.	Elect	EEE	Prod.	Met	Chem.	Civil	ECE	Min.	CSE	IT
09.05.22	Auto. m. Manuf.	PPAS	PPAS	PPC	Found. Tech.	Trans. Phenom.	Con Str-II	OFC	ML & SI	Artis. Intell.	Artis. Intell.
11.05.22	RAC	EDAC Unit of Elect. Power	EDAC Unit of Elec. Power HVDC (for RIT)	Quality & Relia. Engg.	Adv. Steel Making	Comp. Aided Design.	Hydr. Str. Earthqua. Engg.	Mobile Comm. Satelli. Comm.	ARM	Mach. Learn. Multi & Applica.	Mach. Learn.
13.05.22	PTL	HVDC Smart Grid Tech.	HVDC Smart Grid Tech.	Tool Design.	Prin. of Mgt.	CPOS Chem. Plant Mgt.	CPM Railway Engg.	Antenna & Wave Propa.	MIPD	DM&DW Inform. Sec.	DM&DW
17.05.22	Mech. V.S.	Soft Opt. Tech. Illumin. Tech.	Soft. Opt. Tech. Illumin. Tech.	MIS	Comp. Mgt.	Poly. Sci. & Tech. Min. Benef.	Qual. Cont. Mgt. RRS TFA	Internet of Things VEP	MILRM	Soft. Engg. VFP	Soft. Engg.
19.05.22	CAM Tech. Mgt. MEM	Dig. Cont. Sys.	Dig. Cont. Sys.	Project Engg.	Nano Mat.	Bio. Chem. Engg. PRE	Urban Hydr. Hydra. Str. geol. Env. Heal. Mgt.	Biomed. Internet.	Socio. Env. Impact. of Ope. Mines.	Crypto-graphy	Crypto-graphy

नोट:-

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5. All undesirable material such as Mobile and Programmable calculator are strictly prohibited.

By order of the Vice-Chancellor
Sd -

(Geori Shankar Tiwari)
Controller of Examinations.

Dated - 28/04/2022

Memo No. VBU/EX-481 10.02.2022

Copr to:

1. Director, all Engineering Colleges under V.B.U., Hazaribag.
2. Concerned C.S., V.B.U.
3. D.C., Dhanbad
4. S.P., Dhanbad
5. SDO, Sadar, Dhanbad
6. Principal District Judge, Dhanbad.
7. Director, Computer Cell, Exam., V.B.U.
8. Confidential Section Concerned Assistant Account Section Store, Exam., V.B.U.
9. P.A. to VC/PVC/R for kind information to the VC/PVC/R.
10. University website (www.vbu.ac.in)

Umesh/OIT Pro2



DIRECTOR
GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

Controller of Examinations

VINOBA BHAVE UNIVERSITY, HAZARIBAG

(Examination Department)

Programme for B.Tech. 3rd Semester Exam, 2020 (New)

Name of the Centre	Name of the Colleges
B.I.T., Sindri	B.I.T., Sindri
	GGSESSTC, Chas, Bokaro
	K.K.College of Engg. & Mgt., Govindpur
UCET, Hazaribag	UCET, Hazaribag
	Govt. Engg. College, Ramgarh
	R.I.T., Koderma

Timing : 1.00 P.M. to 4.00 P.M.

Dates	Mech.	Prod.	Elect./ EEE	ECE	CSE	IT	Civil	Min	Met.	Chem.
20.11.21	Math-III	Math-III	Math-III	Math-III	Math-III	Math-III	Math-III	Math-III	Math-III	Math-III
22.11.21	Mat. Engg.	Mat. Engg.	Basic Electro.	Basic Electro.	Basic Electro.	Basic Electro.	CE-Mat. & Const.	Mat. Engg.	Mat. Engg.	Mat. Engg.
23.11.21	Thermo.	Thermo.	Elect. M/C-I	DE/DLD	DE/DLD	DE/DLD	SOM	Min Geo-I	MTK	CET
24.11.21	TOM	TOM	NT	NT	DS & Algo	DS & Algo	Surv. & Geo.	Surv. & Geo.	FRT	HT
25.11.21	SOM	SOM	EMFT	EMFT	FLAT	FLAT	Geo & Soil Mech.	IMT	Mat. Anal.	FM
26.11.21	Env. Sc.	Env. Sc.	Biology	Biology/ Env.Sc.	Biology	Biology	Env.Sc.	Env.Sc.	Env.Sc.	Env.Sc.

Note:

1. परीक्षा केन्द्र में Mask एवं Gloves पहनकर आना अनिवार्य है।
2. UCET के सत्र 2017-21 एवं 2018-22 के परीक्षार्थी ही इस परीक्षा में सम्मिलित होंगे।
3. UCET को छोड़कर शेष सभी महाविद्यालय के सत्र 2017-21 के परीक्षार्थी सम्मिलित होंगे।
4. Examinees are required to bring their "ADMIT CARD" on each day of examination, without which he/she may not be allowed to appear in the examination.
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7. All undesirable material such as Mobile and Programmable calculator are strictly prohibited.
8. Practical Examinations will be commence after completion of theory papers.

By order of the Vice-Chancellor
Sd/-

(Dr. G.S.Tiwari)

Controller of Examinations.

Dated - 01.11.2021

Memo No./VBU/Ex-481/CE/325/2021

Copy to:

1. Director, all Engineering Colleges under V.B.U., Hazaribag.
2. Concerned C.S., V.B.U.
3. D.C., Dhanbad/Hazaribag
4. S.P., Dhanbad/Hazaribag.
5. SDO, Sadar, Dhanbad/Hazaribag.
6. Principal District Judge, Dhanbad/Hazaribag.
7. Registrar/F.O., V.B.U.
8. Director, Computer Cell, Exam., V.B.U
9. O.S.D. (Exams.), V.B.U.
10. Confidential Section/Concerned Assistant/ Account Section/Store, Exam., V.B.U.
11. P.A. to VC/PVC for kind information to the VC/PVC.
12. University website (www.vbu.ac.in)

Umesh/BIT Progn.



DIRECTOR
GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

Controller of Examinations

VINOBA BHAVE UNIVERSITY, HAZARIBAG

(Examination Department)

Programme for B.Tech. 1st Semester Exam. 2020 (New)

Name of the Centre	Name of the Colleges
B.I.T., Sindri	B.I.T., Sindri
	GGSESTC, Chas, Bokaro
	K.K. College of Enge. & Mgt., Govindpur
UCET, Hazaribag	UCET, Hazaribag
	Govt. Enge. College, Ramgarh
	R.I.I., Koderma

Timing : 9.00 A.M. to 12.00 NOON

Dates	Subjects
20.11.2021	MATHEMATICS-I
22.11.2021	PHYSICS/CHEMISTRY
23.11.2021	ENGLISH FOR COMMUNICATION
24.11.2021	ELECTRICAL TECHNOLOGY/COMPUTER PROGRAMMING & DATA STRUCTURE
25.11.2021	INTRO. TO MANU. PROCESS/ ENGG. DRAWING & GRAPHICS

Note:

1. परीक्षा केन्द्र में Mask एवं Gloves पहनकर आना अनिवार्य है।
2. UCET के सत्र 2017-21, 2018-22 एवं 2019-23 के परीक्षार्थी ही इस परीक्षा में सम्मिलित होंगे।
3. UCET को छोड़कर शेष सभी महाविद्यालय के सत्र 2017-21 के परीक्षार्थी सम्मिलित होंगे।
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7. All undesirable material such as Mobile and Programmable calculator are strictly prohibited.
8. Practical Examinations will be commence after completion of theory papers.

By order of the Vice-Chancellor

Sd/-
(Dr. G. S. Tiwari)
Controller of Examinations.

Dated - 01.11.2021.

Memo No. VBU/Ex-481/CE/326/2021

Copy to:

1. Director, all Engineering Colleges under V.B.U., Hazaribag.
2. Concerned C.S., V.B.U.
3. D.C., Dhanbad/Hazaribag.
4. S.P., Dhanbad/Hazaribag.
5. SDO, Sadar, Dhanbad/Hazaribag.
6. Principal District Judge, Dhanbad/Hazaribag.
7. Registrar/F.O., V.B.U.
8. Director, Computer Cell, Exam., V.B.U.
9. O.S.D. (Exams.), V.B.U.
10. Confidential Section/Concerned Assistant/ Account Section/Store, Exam., V.B.U.
11. P.A. to VC/PVC for kind information to the VC/PVC.
12. University website (www.vbu.ac.in).

DIRECTOR
GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

Sd/-
01/11/21
Controller of Examinations.

GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS, CHAS, BOKARO
EXAMINATION SECTION
REVISED ONLINE EXAMINATION - 2020

Notice No.: GGSESTC/EXAM/069/2020

B.Tech

Date: 23/06/2020

Timing : 1st Slot 10:00 AM to 11:30 PM
 2nd Slot 12:00 PM to 1:30 PM
 3rd Slot 03:00 PM to 4:30 PM

Semester : 6th

Date	Sitting	Mech	Civil	EE	EEE	ECE	CSE
26/6/2020	1st	CAD	Transportation Engg	Power Electronics	Power Electronics	Power Electronics	Cloud Comp
	2nd	Solid Mechanics	CIM	Power System-II	Power System-II	Computer Network	Computer Network
	3rd	Manu Tech-II	SA-II	PLV	DSP	DSP	Soft Comp
27/6/2020	1st	Automobile Engg	Water Resource Engg	Green Engg Tech	Green Engg Tech	VLSI	Computer Graphics
	2nd	Design of Trans Sys	Environe Impact Assess	SCIT	SCIT	Microwave	Image Processing
	3rd			SCIT	SCIT		

Semester : 8th

Date	Sitting	Mech	Civil	EE	EEE	ECE	CSE
26/6/2020	1st	Robotics	GWII	Drives Engg	Drives Engg	OilC	I Comm
	2nd	Microelec	Hydro Sp	Intell Syst	Intell Syst	Sat Comm	I RP
	3rd	Works & Mensu	Sed Des	High Volt Engg	High Volt Engg	Mob Comm	MMI
27/6/2020	1st	IC UI	PSC	HVDC	PLAPS	DMF	Valu & Lib
	2nd	PPF	CTM	It to A. fraction	It to A. fraction	DIP	IMA

All of the students should be equipped with a smart phone or a laptop / desktop with good internet connection for appearing to online Examination. You may need a scientific calculator / online calculators for numericals.

(Signature)
 23-06-2020

(Signature)
 Professor Incharge Examination
 GGSESTC, Bokaro



DIRECTOR
 GGSESTC, Kandra, Chas
 Bokaro, Jharkhand-827013

- Copy for:**
1. Technical Advisor (for kind information)
 2. Director (for kind information)
 3. Dean, Academics & Administration
 4. All HODs
 5. IT Department (for website)
 6. All Notice Boards

REVISIT ONLINE EXAMINATION - 2020
R.Tech

Notice No.: GGSESTC/EXAM/068/2020

Date: 13/06/2020

Timing:
1st Slot 10:00 AM to 11:30 PM
2nd Slot 12:00 PM to 1:30 PM
3rd Slot 03:00 PM to 4:30 PM

Semester: 6th

Date	Sitting	Mech	Civil	EE	EEF	FCE	CSE
18/6/2020	1st	CAD	Transportation Enge	Power Electronics	Power Electronics	Power Electronics	Cloud Comp
	2nd	Solid Mechanics	CTM	Power System-II	Power System-II	Computer Network	Computer Network
	3rd	Manu Tech II	SA-II	IIVE	DSP	DSP	Soft Comp
19/6/2020	1st	Automobile Enge	Water Resource Enge	Green Enge. Tech.	Green Enge. Tech.	VI.SI	Computer Graphics
	2nd	Dyso of Trans Sys	Environ. Impact Assess	SCT	SCT	Microwave	Image Processing
	3rd						

Entrepreneurship

Semester: 5th

Date	Sitting	Mech	Civil	EE	EEF	ECE	CSE
18/6/2020	1st	Robotics	GWH	Drives Cont	OEC	OEC	E Comm
	2nd	Microteory	Hydro Str	Intell. Cont	Intell. Cont	Sat Comm	ERP
	3rd	Works & Measu	Soil Dyn	High Volt Enge	High Volt Enge	Mod Comm	MAIT
19/6/2020	1st	ICGT	PSC	HVDC	PEAPS	BNE	Value & Eth
	2nd	PPE	CPM	Un. & Traction	Un. & Traction	DIP	FMA

All of the students should be equipped with a smart phone or a laptop / desktop with good internet connection for appearing to online Examination. You may need a scientific calculator/ online calculators for numericals.

This is as per approval of the Director, GGSESTC, Bokaro.

Shankar
13/6/2020

Shankar
Professor Incharge, Examination
GGSESTC, Bokaro

Copy to:

1. Technical Advisor (for kind information)
2. Director (for kind information)
3. Dean (Academics & Administration)
4. All HODs
5. Department (for website)
6. All Notice Boards



DIRECTOR
GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS, CHAS, BOKARO

**EXAMINATION SECTION
REVISED ONLINE EXAMINATION - 2020**

B.Tech

Notice No. : GGSESTC/EXAM/065/2020

Date : 05/06/2020

Timing : 1st Slot 10:00 AM to 11:30 PM
2nd Slot 12:00 PM to 1:30 PM
3rd Slot 03:00 PM to 4:30 PM

Semester :	2nd	
Date	Sitting	B.Tech 2nd Semester All Branch
	1st	Physics-II
8/6/2020	2nd	Basic Electrical Engineering (Mech/ Civil/ EEE) / Chemistry (CSE & ECE)
	3rd	Mathematics-II
9/6/2020	1st	Programming for Problem Solving
	2nd	English

Semester :	4th						
Date	Sitting	Mech	Civil	EE	EEE	ECE	CSE
	1st	Fluid Machine	Survey-I	Msmt. & Inst.	Msmt. & Inst.	Analog Comm	Discrete Mathematics
8/6/2020	2nd	Theory of Machine	SA-I	Power System-I	Power System-I	Micro & Interfacing	DAA
	3rd	Applied Thermo	FM	Digital Electronics	Digital Electronics	Signal & System	FLAT
9/6/2020	1st	Manufacturing Process	CS-I	Analog Electronics	Analog Electronics	Analog Electronics	Operating system
	2nd	Electronics & Inst.	Electro & Inst. Engg.	DSA	DSA	DSA	DBMS
	3rd						Engineering Economics

Semester :	6th						
Date	Sitting	Mech	Civil	EE	EEE	ECE	CSE
	1st	CAD	Transportation Engg.	Power Electronics	Power Electronics	Power Electronics	Cloud Comp
15/6/2020	2nd	Solid Mechanics	CTM	Power System-II	Power System-II	Computer Network	Computer Network
	3rd	Manu. Tech II	SA-II	HIVE	DSP	DSP	Soft Comp
16/6/2020	1st	Automobile Engg.	Water Resource Engg.	Green Engg. Tech.	Green Engg. Tech.	VLSI	Computer Graphics
	2nd	Dsgn of Trans Sys	Environ. Impact Assess	SCT	SCT	Microwave	Image Processing
	3rd						Entrepreneurship

Semester :	8th						
Date	Sitting	Mech	Civil	EE	EEE	ECE	CSE
	1st	Robotics	GWII	Drives Cont	OFC	OFC	E Comm
15/6/2020	2nd	Meteorology	Hydro Str.	Intell. Cont	Intell. Cont	Sat. Comm	ERP
	3rd	Works & Measu	Soil Dyn	High Volt Engg.	High Volt Engg.	Mob Comm	MMT
16/6/2020	1st	ICGT	PSC	HVDC	PEAPS	BME	Valu & Eth
	2nd	PPE	CPM	Uti. & Traction	Uti. & Traction	DIP	FMA

All the students should be equipped with a smart phone or a laptop or desktop with good internet connection for appearing on online Examination. You may use scientific calculator/online calculators for numericals.

His is as per approval of the Director, GGSESTC, Bokaro. 5/6/2020

Professor Incharge, Examination
GGSESTC, Bokaro

Y to:

1. Technical Advisor (for kind information)
2. Director (for kind information)
3. Dean (Academics & Administration)
4. All HODs
5. IT Department (for website)
6. All Notice Boards



DIRECTOR
GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

GURU GOMUND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS, CHAS, BOKARO
EXAMINATION SECTION
ONLINE EXAMINATION - 2020

Notice No. : GGSESTC/EXAM/60 /2020

Date: 01/06/2020

Timing
1st Slot 10:00 AM to 11:00 AM
2nd Slot 12:00 PM to 1:00 PM
3rd Slot 3:00 PM to 4:00 PM

Semester		B.Tech 2nd Semester All Branch	
Date	Slot	Physics-II	
3/6/2020	1st	Basic Electrical Engineering (Mech/ Civil/ EEE) / Chemistry (CSE & ECE)	
	2nd		
	3rd		
4/6/2020	1st	Mathematics-II	
	2nd		
	3rd		
4/6/2020	1st	Programming for Problem Solving	
	2nd		
	3rd		
4/6/2020	1st	English	
	2nd		
	3rd		

Semester : 4th							
Date	Sitting	Mech	Civil	EE	EEE	ECE	CSE
3/6/2020	1st	Fluid Machine	Survey-I	Matri. & Inst.	Matri. & Inst.	Analog Comm.	Discrete Mathematics
	2nd	Theory of Machine	SA-I	Power System-I	Power System-I	Micro & Interfacing	DAA
	3rd	Applied Thermo	FM	Digital Electronics	Digital Electronics	Signal & System	PLAT
4/6/2020	1st	Manufacturing Process	CS-I	Analog Electronics	Analog Electronics	Analog Electronics	Operating system
	2nd	Electronics & Inst.	Electro & Inst. Enge.	DSA	DSA	DSA	DBMS
	3rd	Engineering Economics					

All the students should be equipped with a smart phone or a laptop or desktop with good internet connection for appearing on online Examination. You may need scientific calculator/ online calculators for numericals.

This is as per the approval of Director, GGSESTC, Bokaro

Professor Incharge, Examination
GGSESTC, Bokaro

Copy to:

1. Technical Advisor (for kind information)
2. Director (for kind information)
3. Dean (Academics & Administration)
4. Dy. Registrar
5. Dean (Students' Affairs)
6. All HODs
7. IT Department (for website)
8. All Notice Boards



DIRECTOR
GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS, CHAS, BOKARO

EXAMINATION SECTION

M.B.A MID-SEMESTER ONLINE EXAMINATION - 2020

Notice No. : GGSESTC/ EXAM/O61 /2020

Date : 01/06/2020

Timing
1st Slot 10:00 AM to 11:00 AM
2nd Slot 12:00 PM to 1:00 PM
3rd Slot 3:00 PM to 4:00 PM

Date	Slot	M.B.A (2nd Semester)	M.B.A (4th Semester)
3/6/2020	1st	Human Resource Management	Strategic Management
	2nd	Business Research	Corporate Finance
	3rd	Managerial Economics	Management of Financial Derivatives
4/6/2020	1st	Operations Research	Sales and Distribution Management
	2nd	Cost Management	Brand Management
	3rd	E-Business	Organizational change & Development
5/6/2020	1st		Compensation and Rewards

All the students should be equipped with a smart phone or a laptop or desktop with good internet connection for appearing an online Examination. You may need scientific calculator/ online calculators for numericals.

This is as per the approval of Director, GGSESTC, Bokaro.

Prof. Indrajit Singh
GGSESTC, Bokaro

Copy to:
1. Technical Advisor (for kind information)
2. Director (for kind information)
3. Dean (Academics & Administration)
4. Dy. Registrar
5. Dean (Students' Affairs)
6. All HODs
7. IT Department (for website)
8. All Notice Boards



DIRECTOR
GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS, CHAS, BOKARO

**EXAMINATION SECTION
MID - SEMESTER EXAMINATION I- 2020**

Notice No. : GGSESTC/ EXAM/ 046 /2020

Date : 28/02/2020

Timing : 1st Sitting 10:30 AM to 12:00 PM
2nd Sitting 2:00 PM to 3:30 PM

Semester:	2nd
Date	Sitting
16/03/2020	1st
	2nd
17/03/2020	1st
	2nd
18/03/2020	1st

B.Tech 2nd Semester All Branch

Physics-II

Basic Electrical Engineering (Mech/ Civil/ EEE) / Chemistry (CSE & ECE)

Mathematics-II

Programming for Problem Solving

English

Semester : 4th

Date	Sitting	Mech	Civil	EE	EEE	ECE	CSE
16/03/2020	1st	Fluid Machine	Survey-I	Msmt. & Inst.	Msmt. & Inst.	Analog Comm.	Discrete Mathematics
	2nd	Theory of Machine	SA-I	Power System-I	Power System-I	Micro & Interfacing	DAA
17/03/2020	1st	Applied Thermo	FM	Digital Electronics	Digital Electronics	Signal & System	FLAT
	2nd	Manufacturing Process	CS-I	Analog Electronics	Analog Electronics	Analog Electronics	Operating system
18/03/2020	1st	Electronics & Inst.	Electro & Inst. Engg.	DSA	DSA	DSA	DBMS
	2nd						

Engineering Economics

Semester : 6th

Date	Sitting	Mech	Civil	EE	EEE	ECE	CSE
16/03/2020	1st	CAD	Transportation Engg.	Power Electronics	Power Electronics	Power Electronics	Cloud Comp.
	2nd	Solid Mechanics	CTM	Power System-II	Power System-II	Computer Network	Computer Network
17/03/2020	1st	Manu. Tech II	SA-II	HVE	DSP	DSP	Soft Comp.
	2nd	Automobile Engg.	Water Resource Engg.	Green Engg. Tech.	Green Engg. Tech.	VLSI	Computer Graphics
18/03/2020	1st	Dsgn of Trans Sys	Environ. Impact Assess	SCT	SCT	Microwave	Image Processing
	2nd						

Entrepreneurship

Semester : 8th

Date	Sitting	Mech	Civil	EE	EEE	ECE	CSE
16/03/2020	1st	Robotics	GWII	Drives Cont	OFC	OFC	E Comm
	2nd	Meteorology	Hydro Str.	Intell. Cont	Intell. Cont	Sat. Comm	ERP
17/03/2020	1st	Works & Measu	Soil Dyn	High Volt Engg.	High Volt Engg.	Mob Comm	MMT
	2nd	ICGT	PSC	HVDC	PEAPS	BMIE	Valu & Eth
18/03/2020	1st	PPE	CPM	Uti. & Traction	Uti. & Traction	DIP	FMA

is as per the approval of Director, GGSESTC, Bokaro

to:

1. Technical Advisor (for kind information)
2. Director (for kind information)
3. Dean (Academics & Administration)
4. Dy. Registrar
5. Dean (Students' Affairs)
6. All HODs
7. Caretaker
8. All Notice Boards (including Girls' & Boys' Hostel)



Professor incharge, Examination
GGSESTC, Bokaro

DIRECTOR
GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

Jharkhand University of Technology, Ranchi

3rd Semester Examination 2019 (Revised)

Examination Programme of MBA & MCA

Ref. No. : JUT/48/2018/82 Ex

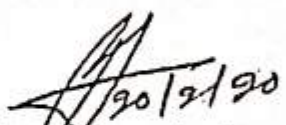
/ Ranchi, Date - 22/02/2020

Branch	Speciilsation	Time of Examinations : 01:00PM to 04:00PM				
		Date of Examinations				
		27.02.2020	28.02.2020	29.02.2020	03.03.2020	04.03.2020
MBA	Finance	Business Law (Paper-14)	Business Ethics and Corporate Governance (Paper-15)	Supply Chain Management (Paper-16)	Management of Financial Services (Paper-18)	Investment & Portfolio Management (Paper-19)
	Marketing	Business Law (Paper-14)	Business Ethics and Corporate Governance (Paper-15)	Supply Chain Management (Paper-16)	International Marketing (Paper-20)	Consumer Behaviour (Paper-21)
	HR	Business Law (Paper-14)	Business Ethics and Corporate Governance (Paper-15)	Supply Chain Management (Paper-16)	Industrial Relations And Labour Laws (Paper-22)	Recruitment, Selection And Training (Paper-23)
	IT	Business Law (Paper-14)	Business Ethics and Corporate Governance (Paper-15)	Supply Chain Management (Paper-16)	RDBMS (Relational Database Management System) (Paper-24)	Business Data Communication (Paper-25)
MCA	-	Database Management Systems (IT-31)	Computer Communication Networks (IT-32)	Object Oriented Analysis & Design (IT-33)	Management Support Systems (BIM-31)	Statistical Computing (MIT-31)

Exam dept / MBA HOD
n.a.

26-02-2020




 Controller of Examinations
 JUT, Ranchi


DIRECTOR
 GGSESTC, Kandra, Chas
 Bokaro, Jharkhand-827013

VINOBA BHAVE UNIVERSITY, HAZARIBAG
(Examination Department)

Programme for B.Tech. 1ST Semester Exam. 2019 (New).

Name of Centre	Name of Colleges
B.I.T., Sindri	B.I.T., Sindri K.K.College of Engg. & Mgt., Govindpur
UCET, Hazaribag	UCET, Hazaribag R.I.T., Koderma
Radha Govind University, Ramgarh	Govt. Engg. College, Ramgarh
Chas College, Chas	GGSESSTC, Chas, Bokaro

Timing : 1.00 p.m. to 4.00 p.m.

Dates	Subjects
24.02.2020	MATHEMATICS-I
26.02.2020	PHYSICS/CHEMISTRY
28.02.2020	ENGLISH FOR COMMUNICATION
02.03.2020	ELECTRICAL TECHNOLOGY/ COMPUTER PROGRAMMING & DATA STRUCTURE
04.03.2020	INTRO. TO MANU. PROCESS/ ENGG. DRAWING & GRAPHICS

Note:

- Examinees are required to bring their "ADMIT CARD" on each day of examination, without which he/she may not be allowed to appear in the examination.
- Any special marking by the examinees or any other person for the purpose of unauthorized defiance of the coding of the answer book is prohibited and even punishable under the regulations.
- There will be no re-examination in case of walkout or cancellation of examination.
- All undesirable material such as Mobile and Programmable calculator are strictly prohibited.
- Practical Examinations will be commence after completion of theory papers.

By order of the Vice-Chancellor

Sd/-

(Birendra Kumar Gupta)

Controller of Examinations,

Memo No./VBU/Ex-481/498/2020

Dated -12.02.2020

Copy to:

- Director, all Engineering Colleges under V.B.U., Hazaribag.
- Concerned C.S., V.B.U.
- D.C., Dhanbad/Hazaribag/Bokaro/Ramgarh.
- S.P., Dhanbad/Hazaribag/Bokaro/Ramgarh.
- SDO, Sadar, Dhanbad/Hazaribag/Bokaro/Ramgarh.
- Principal District Judge, Dhanbad/Hazaribag/Bokaro/Ramgarh.
- Registrar/F.O., V.B.U.
- Director, Computer Cell, Exam., V.B.U.
- O.S.D. (Exams.), V.B.U.
- Confidential Section/Concerned Assistant/ Account Section/Store, Exam., V.B.U.
- P.A. to VC/PVC for kind information to the VC/PVC.
- University website (www.vbu.ac.in)

(Signature)
12/2/2020
Controller of Examinations.

Umesh/BIT Prog.



DIRECTOR
GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

VINOBA BHAVE UNIVERSITY, HAZARIBAG
(Examination Department)

Programme for B.Tech. 3rd Semester Exam. 2019 New.

Name of Centre	Name of Colleges
B.I.T., Sindri	B.I.T., Sindri
UCET, Hazaribag	K.K.College of Engg. & Mgt., Govindpur
	UCET, Hazaribag
	R.I.T., Koderma
Radha Govind University, Ramgarh	Govt. Engg. College, Ramgarh
Chas College, Chas	GGSESSTC, Chas, Bokaro

Timing : 1.00 p.m. to 4.00 p.m.

Dates	Mech. Engg.	Prod. Engg.	Elect. Engg.	ECE Engg.	CSE Engg.	I.T. Engg.	Civil Engg.	Min Engg.	Met. Engg.	Chem Engg.
25.02.2020	Math-III	Math-III	Math-III	Math-III	Math-III	Math-III	Math-III	Math-III	Math-III	Math-III
27.02.2020	Mat. Engg.	Mat. Engg.	Basic Electro.	Basic Electro.	Basic Electro.	Basic Electro.	CE-Mat. & Const.	Mat. Engg.	Mat. Engg.	Mat. Engg.
29.02.2020	Thermo.	Thermo.	Elect. M/C	DE	DLI/ DE	DLI/ DE	SOM	Min Geo-I	MTX	CEI
03.03.2020	TOM	TOM	NT	NT	DS & Algo	DS & Algo	Surv. & Geo.	Surv. & Geo.	FRF	IT
05.03.2020	SOM	SOM	EMFT	EMFT	FLAT	FLAT	Geo & Soil Mech.	IMT	Mat. Anal.	PM
07.03.2020	Env. Sc.	Env. Sc.	Biology	Env.Sc./ Biology	Biology	Biology	Env.Sc.	Env.Sc.	Env.Sc.	Env.Sc.

Note:

- Examinees are required to bring their "ADMIT CARD" on each day of examination, without which he/she may not be allowed to appear in the examination.
- Any special marking by the examinees or any other person for the purpose of unauthorized defacement of the coding of the answer book is prohibited and even punishable under the regulations.
- There will be no re-examination in case of walkout or cancellation of examination.
- All undesirable material such as Mobile and Programmable calculator are strictly prohibited.
- Practical Examinations will be commence after completion of theory papers.

By order of the Vice-Chancellor
Sd/-

(Birendra Kumar Gupta)
Controller of Examinations,

Memo No/VBU/Ex-481/497/2020

Dated -12.02.2020

Copy to:

- Director, all Engineering Colleges under V.B.U., Hazaribag.
- Concerned C.S., V.B.U.
- D.C., Dhanbad/Hazaribag/Bokaro/Ramgarh.
- S.P., Dhanbad/Hazaribag/Bokaro/Ramgarh.
- SDO, Sadar, Dhanbad/Hazaribag/Bokaro/Ramgarh.
- Principal District Judge, Dhanbad/Hazaribag/Bokaro/Ramgarh.
- Registrar/F.O., V.B.U.
- Director, Computer Cell, Exam., V.B.U.
- O.S.D. (Exams.), V.B.U.
- Confidential Section/Concerned Assistant/ Account Section/Store, Exam., V.B.U.
- P.A. to VC/PVC for kind information to the VC/PVC.
- University website (www.vbu.ac.in)

Controller of Examinations,

Umesh/BIT Prop.



DIRECTOR
GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

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VINOBA BHAVE UNIVERSITY, HAZARIBAG
(Examination Department)

Programme for B.Tech. 1st Semester Exam. 2019 (Old).

Name of Centre	Name of Colleges
B.I.T., Sindri	B.I.T., Sindri
UCET, Hazaribag	K.K.College of Engg. & Mgt., Govindpur
Radha Govind University, Ramgarh	UCET, Hazaribag
Chas College, Chas	R.I.T., Koderma
	Govt. Engg. College, Ramgarh
	GGSESTC, Chas, Bokaro

Timing : 1.00 p.m. to 4.00 p.m.

Dates	Subjects
14.02.2020	ENGINEERING MECHANICS
15.02.2020	ENGINEERING CHEMISTRY-I
17.02.2020	BASIC ELECTRICAL ENGINEERING
18.02.2020	ENGINEERING PHYSICS-I
19.02.2020	MATHEMATICS-I
20.02.2020	P.C.E.

Note:

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- Any special marking by the examinees or any other person for the purpose of unauthorized defiance of the coding of the answer book is prohibited and even punishable under the regulations.
- There will be no re-examination in case of walkout or cancellation of examination.
- All undesirable material such as Mobile and Programmable calculator are strictly prohibited.
- Practical Examinations will be commence after completion of theory papers.

By order of the Vice-Chancellor
Sd/-

(Birendra Kumar Gupta)
Controller of Examinations.

Memo No./VBU/Ex-481/...417.../2020

Copy to:

- Director, all Engineering Colleges under V.B.U., Hazaribag.
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- D.C., Dhanbad/Hazaribag/Bokaro/Ramgarh.
- S.P., Dhanbad/Hazaribag/Bokaro/Ramgarh.
- SDO, Sudar, Dhanbad/Hazaribag/Bokaro/Ramgarh.
- Principal District Judge, Dhanbad/Hazaribag/Bokaro/Ramgarh.
- Registrar/F.O., V.B.U.
- Director, Computer Cell, Exam., V.B.U.
- O.S.D. (Exams.), V.B.U.
- Confidential Section/Concerned Assistant/ Account Section/Store, Exam., V.B.U.
- P.A. to VC/PVC for kind information to the VC/PVC.
- University website (www.vbu.ac.in)

Dated - 06.02.2020



(Signature)
Controller of Examinations,
(Signature)

DIRECTOR
GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

VINOBA BHAVE UNIVERSITY, HAZARIBAG
(Examination Department)

Programme for B.Tech. 3rd Semester Exam. 2019 (Old).

Name of Centre	Name of Colleges
B.I.T., Sindri	B.I.T., Sindri
UCET, Hazaribag	K.K.College of Engg. & Mgt., Govindpur
Radha Govind University, Ramgarh	UCET, Hazaribag
Chas College, Chas	R.I.T., Koderma
	Govt. Engg. College, Ramgarh
	GGSESTC, Chas, Bokaro

Timing : 9.00 a.m. to 12.00 noon

Date	Mech. Engg.	Elect. Engg./E.E.	Prod. Engg.	Met. Engg.	Chem. Engg.	Civil Engg.	E&C Engg.	Min Engg.	CSE Engg.	I.T. Engg.
14.02.2020	Num. Anly. & Prog.	Num. Anly. & Prog.	Num. Anly. & Prog.	Num. Anly. & Prog.	Num. Anly. & Prog.	Num. Anly. & Prog.	Num. Anly. & Prog.	Num. Anly. & Prog.	Num. Anly. & Prog.	Num. Anly. & Prog.
15.02.2020	Material Science (A)	Material Science (B)	Material Science (A)	Material Science (A)	Material Science (A)	Build. Mat.	Material Science (B)	Material Science (A)	Material Science (B)	Material Science (B)
17.02.2020	Math-III	Math-III	Math-III	Math-III	Math-III	Math-III	Math-III	Math-III	Math-III	Math-III
18.02.2020	Thermo.	Network Theory	Thermo.	Trans. Phenomena	Fluid Mech.	Surveying-I	Network Theory	Surveying-I	P.P.I.	P.P.L.
19.02.2020	M.O.S-I	Elect. MC-I	M.O.S-I	M.O.S-I	Chem. Engg. Thermo.-I	M.O.S-I	Data Struct.	M.O.S-I	Data Struct.	Data Struct.
20.02.2020	K.O.M.	Dig. Ele. & Integra. Circuit	K.O.M.	Met. Anly.	Heat Transfer-I	Build Const.	Dig. Ele. & Integra. Circuit	Engg. Geo.-I	Dig. Ele. & Integra. Circuit	Dig. Ele. & Integra. Circuit

Note:

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- Any special marking by the examinees or any other person for the purpose of unauthorized defiance of the coding of the answer book is prohibited and even punishable under the regulations.
- There will be no re-examination in case of walkout or cancellation of examination.
- All undesirable material such as Mobile and Programmable calculator are strictly prohibited.
- Practical Examinations will be commence after completion of theory papers.

By order of the Vice-Chancellor

Sd/-

(Birendra Kumar Gupta)
Controller of Examinations,

Memo No/VBU/Ex-481/418/2020

Copy to:

Dated - 06/02/2020

- Director, all Engineering Colleges under V.B.U., Hazaribag.
- Concerned C.S., V.B.U.
- D.C., Dhanbad/Hazaribag/Bokaro/Ramgarh.
- S.P., Dhanbad/Hazaribag/Bokaro/Ramgarh.
- SDO, Sadar, Dhanbad/Hazaribag/Bokaro/Ramgarh.
- Principal District Judge, Dhanbad/Hazaribag/Bokaro/Ramgarh.
- Registrar/F.O., V.B.U.
- Director, Computer Cell, Exam., V.B.U.
- O.S.D. (Exams.), V.B.U.
- Confidential Section/Concerned Assistant/ Account Section/Store, Exam., V.B.U.
- P.A. to VC/PVC for kind information to the VC/PVC.
- University website (www.vbu.ac.in)

Controller of Examinations,

Umesh/BIT Prog.



DIRECTOR
GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

VINOBA BHAVE UNIVERSITY, HAZARIBAG

(Examination Department)

Programme for B.Tech. 3rd Semester Exam. 2019 (Old).

Name of Centre	Name of Colleges
B.I.T., Sindri	B.I.T., Sindri
	K.K.College of Engg. & Mgt., Govindpur
UCET, Hazaribag	UCET, Hazaribag
	R.I.T., Koderma
Radha Govind University, Ramgarh	Govt. Engg. College, Ramgarh
Chas College, Chas	GGSESTC, Chas, Bokaro

Timing : 9.00 a.m. to 12.00 noon

Dates	Mech. Engg.	Elect. Engg./E.E.	Prod. Engg.	Met. Engg.	Chem. Engg.	Civil Engg.	E&C Engg.	Min Engg.	CSE Engg.	I.T. Engg.
14.02.2020	Num. Anly. & Prog.	Num. Anly. & Prog.	Num. Anly. & Prog.	Num. Anly. & Prog.	Num. Anly. & Prog.	Num. Anly. & Prog.	Num. Anly. & Prog.	Num. Anly. & Prog.	Num. Anly. & Prog.	Num. Anly. & Prog.
15.02.2020	Material Science (A)	Material Science (B)	Material Science (A)	Material Science (A)	Material Science (A)	Built. Mat.	Material Science (B)	Material Science (A)	Material Science (B)	Material Science (B)
17.02.2020	Math-III	Math-III	Math-III	Math-III	Math-III	Math-III	Math-III	Math-III	Math-III	Math-III
18.02.2020	Thermo.	Network Theory	Thermo.	Trans. Phenomena	Fluid Mech.	Surveying-I	Network Theory	Surveying-I	P.P.L.	P.P.L.
19.02.2020	M.O.S-I	Elect. M/C-I	M.O.S-I	M.O.S-I	Chem. Engg. Thermo.-I	M.O.S-I	Data Struct.	M.O.S-I	Data Struct.	Data Struct.
20.02.2020	K.O.M.	Dig. Ele ct. & Integra. Circuit	K.O.M.	Met. Anly.	Heat Transfer-I	Build Const.	Dig. Elect. & Integra. Circuit	Engg. Geo.-I	Dig. Elect. & Integra. Circuit	Dig. Ele ct. & Integra Circuit

Note:

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- Any special marking by the examinees or any other person for the purpose of unauthorized defiance of the coding of the answer book is prohibited and even punishable under the regulations.
- There will be no re-examination in case of walkout or cancellation of examination.
- All undesirable material such as Mobile and Programmable calculator are strictly prohibited.
- Practical Examinations will be commence after completion of theory papers.

By order of the Vice-Chancellor
Sd/-

(Harendra Kumar Gupta)
Controller of Examinations,

Dated - 06/02/2020

Memo No./VBU/Ex-481/418/2020

Copy to:

- Director, all Engineering Colleges under V.B.U., Hazaribag.
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- P.A. to VC/PVC for kind information to the VC/PVC.
- University website (www.vbu.ac.in)

(Signature)
Controller of Examinations,

Unmesh/BIT Prog.



DIRECTOR
GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

VINOBA BHAVE UNIVERSITY, HAZARIBAG
(Examination Department)

Programme for B.Tech. 1ST Semester Exam. 2019 (Old).

Name of Centre	Name of Colleges
B.I.T., Sindri	B.I.T., Sindri
UCET, Hazaribag	K.K.College of Engg. & Mgt., Govindpur
Radha Govind University, Ramgarh	UCET, Hazaribag
Chas College, Chas	R.I.T., Koderma
	Govt. Engg. College, Ramgarh
	GGSESSTC, Chas, Bokaro

Timing : 1.00 p.m. to 4.00 p.m.

Dates	Subjects
14.02.2020	ENGINEERING MECHANICS
15.02.2020	ENGINEERING CHEMISTRY-I
17.02.2020	BASIC ELECTRICAL ENGINEERING
18.02.2020	ENGINEERING PHYSICS-I
19.02.2020	MATHEMATICS-I
20.02.2020	P.C.E.

Note:

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Sd/-

(Birendra Kumar Gupta)
Controller of Examinations.

Dated -... 06/02/2020

Memo No./VBU/Ex-481/... 417.../2020

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- Director, Computer Cell, Exam., V.B.U.
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- P.A. to VC/PVC for kind information to the VC/PVC.
- University website (www.vbu.ac.in).


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VINOBA BHAVE UNIVERSITY, HAZARIBAG

Programme for B.Tech. 5th Semester Exam. 2019 (New)

Name of Centre	Name of Colleges
B.I.T., Sindri	B.I.T., Sindri
UCET, Hazaribag	K.K. College of Engg. & Mgt., Govindpur
Radha Govind Univ., Ramgarh	UCET, Hazaribag
Chas College, Chas	R.I.T., Koderma
	Govt. Engg. College, Ramgarh
	GGSESTC, Chas, Bokaro

Timing : 1.30 p.m. to 4.30/5.00 p.m.

Date	Mechanical	Electrical/ EEE	Production	Met.	Chem.	Civil	ECE	Mining	CSE	IT
17.01.2020	Heat Transfer	Control Sys-I	Metrology & Measur.	Material Charac.	Ind. Process Control	WRF-I	Micro & Interface	UCM-I	OS	OS
20.01.2020	OR	Microproc Microcont	Engg. Eco.	DOM	MTO-I	Mech. of Material	Dig. Comm.	Metallogr Mining Methods	DMMS	DMMS
01.01.2020	IC Engine	Elect. M/C-II	Manuf. Process	HTMM	Fluidization Engg.	Steel Str-I	Linear Control System	Mine Ventilatic Engg.	Web Techno	Web Tech
23.01.2020	Project Mgt	Signal & System	Works Study & Ergono	Phy. of Metal	Env. Engg/ Indus. Poll. Cont.	Env. Engg.	Signal & System	Mining Machinery	Control Design	Comp. Design
28.01.2020	Design of Mach Element	Digital Sys Design	CAD/CAM	Powder Metallurgy	CRE-I	Air Poll. Cont.	Comp Arch	Mineral Process Engg.	PVL	PVL

Note:

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- Practical Examinations will be commence after completion of theory papers.

By order of the Vice-Chancellor
Sd/-

(Birendra Kumar Gupta)
Controller of Examinations.

Dated - 11/01/2020

Memo No/VBU/EX-481/ 97/2020

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- SDO, Sadar, Dhanbad/Hazaribag/Bokaro/Ramgarh.
- District Judge, Dhanbad/Hazaribag/Bokaro/Ramgarh.
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- P.A. to VC/PVC for kind information to the VC/PVC.
- University website (www.vbu.ac.in)

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Bokhand-827013

Jharkhand University of Technology, Ranchi

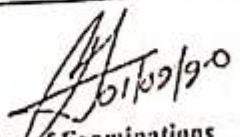
1st Semester Engineering Examination 2019

Examination Programme of M.Tech./MCA/MBA

Ref. No. : JUT/48/2018/ 50Ex

/Ranchi, Date : 01/02/2020

Course	Branch/ Specialisation	Time of Examinations : 1:30PM to 4:30PM						
		Date of Examinations						
		11.02.2020	12.02.2020	13.02.2020	14.02.2020	15.02.2020	17.02.2020	18.02.2020
M.Tech.	Civil (Structural Engg.)	Adv. Structural Analysis (191028)	Adv. Solid Mechanics (191029)	Theory of Structural Stability (191030)	Limit State Design of Structure (191031)	Research Methodology & IPR (191005)	Disaster Management (191024)	-
	Civil (Soil Mech. & Found. Engg.)	Adv. Soil Mechanics (191032)	Adv. Foundation Engg. (191033)	Ground Improvement Technique (191034)	Limit State Design of Structure (191031)	Research Methodology & IPR (191005)	Disaster Management (191024)	-
	Mech.(CAD/CAM)	Computer Aided Design (191015)	Computer Aided Manufacturing (191016)	Data Base Management System (191017)	Adv. Machine Process (191018)	Research Methodology & IPR (191005)	English for Research Paper Writing (191019)	-
	Mech.(HPI)	Thermo Dynamics & Combustion (191001)	Adv. Fluid Dynamics (191002)	Analysis of Thermal Power Cycles * (191003)	Adv. Refrigeration & Air Conditioning (191004)	Research Methodology & IPR (191005)	Value Education (191006)	-
	Mech.(PT)	Adv. Manufacturing Process-I (PTM1001)	Operation Management (PTM1002)	Quality Management (PTM1004)	Flexible Manufacturing System (PTM1008)	Research Methodology & IPR (191005)	Disaster Management (191024)	-
	Mech.(MD)	Adv. Stress Analysis (191011)	Adv. Vibrations & Acoustics (191012)	Adv. Mechanics of Solid (191013)	Adv. Engg. Materials (191014)	Research Methodology & IPR (191005)	Value Education (191006)	-
	Elect. (Control System)	Mathematical Methods of In Control (191020)	Non Linear Systems (191021)	Industrial Process Control (191022)	Renewable Energy System (191023)	Research Methodology & IPR (191005)	Disaster Management (191024)	-
	Elect. (Power System)	Power System Analysis (191025)	Power System Dynamics-I (191026)	Power System Operation & Control (191027)	Renewable Energy System (191023)	Research Methodology & IPR (191005)	Disaster Management (191024)	-
	Metal.	Metallurgical Thermo Dynamics & Kinetics	Adv. Iron Making (191036)	Power Production & Processing (191037)	Adv. In Non-Ferrous Technology (191038)	Research Methodology & IPR (191005)	Value Education (191006)	-
	CSE	Adv. Data Structure & Algorithm	Mathematical Foundations of Computer Science	Cryptography & Network Security	Distributed Databases	Research Methodology & IPR (191005)	English for Research Paper Writing (191019)	-
NCA	All	Intro To Mgt. Function (BM-11) (181001C)	Mathematical Foundations (MT-11) (181002C)	Programming & Data Structures (IT-13) (181003C)	Comp. Organization & Arch. (IT-12) (181004C)	Information Technology (IT-11) (181005C)	-	-
MBA	All	Mgt. Principle & Practice (181001B)	Organization Behaviour (181002B)	Marketing Management (181003B)	Business Communication (181004B)	Quantitative Tech. for Mgt. (181005B)	I.T. for Managers (181006B)	Accounting of Financial Management (181007B)


 Controller of Examinations
 JUT, Ranchi




DIRECTOR
 GGSESTC, Kandra, Chas
 Bokaro, Jharkhand-827013

Jharkhand University of Technology, Ranchi
B.Tech. 3rd Semester Engineering Examination 2019
Examination Programme (Theory Papers)

Ref. No. : JUT/48/2018/ 371EX

(Ranchi, Date : 20/12/2019)

Branch/ Specialisation	Time of Examinations : 01:00PM to 04:00PM					
	Date of Examinations					
	08.01.2020	09.01.2020	10.01.2020	11.01.2020	14.01.2020	17.01.2020
Civil Engg.	Environmental Science (BSC302)	Civil Engg. Materials & Construction (CE301)	Surveying & Geomatics - I (CE302)	Strength Of Materials (ME303)	Engg. Geology (BSC303)	Mathematics-III (BSC301)
Mech. Engg.	Environmental Science (BSC302)	Thermodynamics (ME301)	Fluid Mechanics (ME302)	Strength Of Materials (ME303)	Materials Engineering (MT301)	Mathematics-III (BSC301)
Production Engg.	Environmental Science (BSC302)	Thermodynamics (ME301)	Fluid Mechanics (ME302)	Strength Of Materials (ME303)	Materials Engineering (MT301)	Mathematics-III (BSC301)
Elect. Engg.	Environmental Science (BSC302)	Network Theory (EE302)	Electromagnetic Field Theory (EE303)	Basic Electronics (EC301)	Electrical Machine-I (EE301)	Mathematics-III (BSC301)
E.E.E.	Environmental Science (BSC302)	Network Theory (EE302)	Electromagnetic Field Theory (EE303)	Basic Electronics (EC301)	Electrical Machine-I (EE301)	Mathematics-III (BSC301)
E.C.E.	Environmental Science (BSC302)	Network Theory (EE302)	Electromagnetic Field Theory (EE303)	Basic Electronics (EC301)	Digital Electronics & Logic Design (EC302)	Mathematics-III (BSC301)
C.S.E.	Environmental Science (BSC302)	Data Structures And Algorithms (CS301)	Object Oriented Programming (IT301)	Basic Electronics (EC301)	Digital Electronics & Logic Design (EC302)	Mathematics-III (BSC301)
I.T.	Environmental Science (BSC302)	Data Structures And Algorithms (CS301)	Object Oriented Programming (IT301)	Basic Electronics (EC301)	Digital Electronics And Logic Design (EC302)	Mathematics-III (BSC301)
Chemical Engg.	Environmental Science (BSC302)	Fluid Particle Operations (CI301)	Fluid Mechanics (ME302)	Heat Transfer (CI302)	Materials Engineering (MT301)	Mathematics-III (BSC301)
Mining	Environmental Science (BSC302)	Introduction to Mining Technology (MN304)	Surveying and Geomatics - I (CE302)	Mining Geology (MN302)	Materials Engineering (MT301)	Mathematics-III (BSC301)
Metal.	Biology (MT305)/ Environmental Science (BSC302)	Materials Thermodynamics and Kinetics (PCC) (MT302)	Fuels, Refractories & Furnaces (PCC) (MT303)	Metallurgical Analysis (PCC) (MT304)	Materials Engineering (MT301)	Mathematics-III (BSC301)

DIRECTOR
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Bokaro, Jharkhand-827013

Controller of Examinations
JUT, Ranchi



VINOBA BHAVE UNIVERSITY, HAZARIBAG

Programme for B.Tech. 5th Semester Exam. 2019 (New)

Name of Centre	Name of Colleges
B.I.T., Sindri	B.I.T., Sindri
UCET, Hazaribag	K.K.College of Engg. & Mgt., Govindpur
	UCET, Hazaribag
	R.I.T., Koderma
Radha Govind Univ., Ramgarh	Govt. Engg. College, Ramgarh
Chas College, Chas	GGSESTC, Chas, Bokaro

Timing : 1.30 p.m. to 4.30/5.00 p.m.

Date	Mechanical	Electrical/EEE	Production	Met.	Chem.	Civil	ECE	Mining	CSE	IT
17.01.2020	Heat Transfer	Control Sys.-I	Metrolo. & Measur.	Material Charac.	Ind. Process Control	WRE-I	Micro & Interface	UCM-I	O.S.	O.S.
20.01.2020	OR	Microproce Microcontr.	Engg. Eco.	DOM	MTO-I	Mech. of Material	Dig. Comm.	Metallifer Mining Methods	DBMS	DBM
22.01.2020	IC Engine	Elect. M/C-II	Manuf. Process	HTMM	Fluidization Engg.	Steel Str-I	Linear Control System	Mine Ventilatic Engg.	Web. Techno.	Web. Tech.
25.01.2020	Project Mgt	Signal & System	Works Study & Ergono.	Phy. of Metal	Env. Engg/ Indus. Poll. Cont.	Env. Engg.	Signal & System	Mining Machiner	Compil. Design.	Com. Design.
28.01.2020	Design of Mach. Element	Digital Sys. Design	CAD/ CAM	Powder Metallurgy	CRE-I	Air Poll. Cont.	Comp. Arch.	Mineral Process Engg.	PPL	PPL

Note:

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6. Practical Examinations will be commence after completion of theory papers.

By order of the Vice-Chancellor
Sd/-

(Birendra Kumar Gupta)
Controller of Examinations

Dated - 11/01/2020

Memo No./VBU/Ex-481/... 9.7.2020

Copy to:

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2. Concerned C.S., V.B.U.
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5. SDO, Sadar, Dhanbad/Hazaribag/Bokaro/Ramgarh.
6. District Judge, Dhanbad/Hazaribag/Bokaro/Ramgarh.
7. Registrar/F.O., V.B.U.
8. Director, Computer Cell, Exam., V.B.U.
9. Confidential Section/Concerned Assistant/ Account Section/Store, Exam., V.B.U.
10. P.A. to VC/PVC for kind information to the VC/PVC.
11. University website (www.vbu.ac.in)

Umesh/RIT Prof.

DIRECTOR
GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

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VINOBA BHAVE UNIVERSITY, HAZARIBAG
PROGRAMME FOR B.TECH. 7TH SEMESTER EXAM. 2019

Name of Centre	Name of Colleges
B.I.T., Sindri	B.I.T., Sindri
	K.K.College of Engg. & Mgt., Govindpur
UCET, Hazaribag	UCET, Hazaribag
	R.I.T., Koderma
Radha Govind Univ., Ramgarh	Govt. Engg. College, Ramgarh
Chas College, Chas	GGSESTC, Chas, Bokaro

Timing: 1.30 p.m. to 4.30/5.00 p.m.

Dates	Mech.	Elect/EEE	Prod.	Met	Chem.	Civil	ECE	Min.	CSE	IT
18.01.2020	O.R.	Non Conv. Engg.	Manf. Auto. Robotics.	PCISM	CPO& Safety/ Energy Con. Method	Bridge Engg./Air Pollution Control	RTESys/ DBMS/ AI&ES/MMT	Surface Min.-II	AI&E Sys.	AI&E Sys
21.01.2020	Mech. Vib.	Virtual Inst./ Mod. & Simulat.	Value Engg.	Nano Mat.	PRE/ Env./Engg. Waste mgmt.	Open Channel Hydro	Wire Less Comm.	U.C.M.- II	DWH & DM	DWH & DM
24.01.2020	C.S.M.	Ctr.Sys.II	TMCF	Powder Met.	C.P.M.	Geo Tech. Engg.II	Antenna Engg.	M.M/Cy- II	Comp. Grap.	Comp. Grap.
27.01.2020	I.E.M.	CAPS/ VLSI Dgn.	Plant Engg.	Found Tech.	P.D.C.	Concrete Str. II	VLSI Dgn.	A.R.M.	C&NS	C&NS
29.01.2020	MSD	DSP	Project Engg.	HTMA	CAD in Chem. Engg.	Earth Quake Engg.	TSS	MVP	L.P.A.	L.P.A.

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By order of the Vice-Chancellor
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(Birendra Kumar Gupta)
Controller of Examinations

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6. District Judge, Dhanbad/Hazaribag/Bokaro/ Ramgarh.
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11. University website (www.vbu.ac.in)

Dated - 11/01/2020

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GGSESTC, Kandra, Chas
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Controller of Examinations



Programme for B.Tech. 8th Semester 2019 Spl. Exam.

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GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS, CHAS, BOKARO
EXAMINATION SECTION
MBA MID - SEMESTER EXAMINATION - 2019

Notice No. : GGSESTC/ EXAM/126 /2019

Date : 24/09/2019

Timing : 1st Sitting 10:30AM to 12:00PM
2nd Sitting 2:00PM to 3:30 PM

MBA 1st Semester

Date	1st Sitting	2nd Sitting
10/10/2019	Mgmt. Principles & Practices	Accounting & Fin.Mgmt.
11/10/2019	Organizational Behaviour	Marketing Mgmt.
12/10/2019	Quant. Tech. for Mgmt.	IT for Managers
14/10/2019	Business Communication	-----

This is as per the approval of Director, GGSESTC

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2. Registrar
3. Dean (Academics Admin.)
4. Dean (Students' Affairs)
5. All HODs
6. IT department (for website)
7. All Notice Boards

Prof. Incharge, Examination, GGSESTC

DIRECTOR
GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013



VINOBA BHAVE UNIVERSITY, HAZARIBAG

Programme for B.Tech. 5th Semester Exam. 2019 Old.

Name of Centre	Name of Colleges
B.I.T., Sindri	B.I.T., Sindri
UCET, Hazaribag	K.K.College of Engg. & Mgt., Govindpur
	UCET, Hazaribag
Radha Govind Univ., Ramgarh	R.I.T., Koderma
Chas College, Chas	Govt. Engg. College, Ramgarh
	GGSESSTC, Chas, Bokaro

Timing : 1.30 p.m. to 4.30/5.00 p.m.

Date	Mechanical	Electrical/ECE	Production	Met.	Chem.	Civil	ECE	Mining	CSE	IT
17.01.2020	H.M.T.	E.M.F.	P.T.D.-I	Principles of Phy.Met	Process Instrument	WRE-I	E.M.F.	U.C.M.-I	O.S.	O.S.
20.01.2020	M.O.S.-II	P.S.-II	Metrology	Iron Making	MTO-I	Str. Mech.	Dig. Comm.	Surface Mining Method	Soft Engg.	Soft Engg.
23.01.2020	Applied Thermo.	Micro. & Interface.	Engg. Eco.	Phase Transfer Method	P.E.-II	Env. Engg.	Micro. & Interface.	Mine Survey	Micro. & Interface.	Micro. & Interface.
25.01.2020	E.E.M.	Elect. M/C-II	Manuf. Process-II	Phy of Metal	Fluidization	Geo. Tech. Engg.	Comp. Org. & Arch.	Mining M/C-I	Comp. Org. & Arch.	Comp. Org. & Arch.
28.01.2020	Manu. Tech-II	Instru.-II Semi Cond. Device	Ind.Org. & Mgt.	Mech. Behav. of Met.	C.R.E.	Steel Str-I	Linear & Dig. Control system	Mine Env. Engg.	Formal Language & Automata Theory	Formal Language & Automata Theory

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6. Practical Examinations will be commence after completion of theory papers.

By order of the Vice-Chancellor
Sd/-

(Birendra Kumar Gupta)
Controller of Examinations

Memo No./VBU/Ex-481/J.8./2020

Dated - 11/01/2020

Copy to:

1. Director, all Engineering Colleges under V.B.U., Hazaribag.
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4. S.P., Dhanbad/Hazaribag/Bokaro/Ramgarh.
5. SDO, Sadar, Dhanbad/Hazaribag/Bokaro/Ramgarh.
6. District Judge, Dhanbad/Hazaribag/Bokaro/Ramgarh.
7. Registrar/F.O., V.B.U.
8. Director, Computer Cell, Exam., V.B.U.
9. Confidential Section/Concerned Assistant/ Account Section/Store, Exam., V.B.U.
10. P.A. to VC/PVC for kind information to the VC/PVC.
11. University website (www.vbu.ac.in)

Umesh/BIT Prog.

DIRECTOR
GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

Controller of Examinations

VINOBA BHAVE UNIVERSITY, HAZARIBAG
PROGRAMME FOR B.TECH. 7TH SEMESTER EXAM. 2019

Name of Centre	Name of Colleges
B.I.T., Sindri	B.I.T., Sindri
UCET, Hazaribag	K.K.College of Engg. & Mgt., Govindpur
	UCET, Hazaribag
Radha Govind Univ., Ramgarh	R.I.T., Koderma
Chas College, Chas	Govt. Engg. College, Ramgarh
	GGSESSTC, Chas, Bokaro

Timing: 1.30 p.m. to 4.30/5.00 p.m.

Dates	Mech.	Elect/EEE	Prod.	Met	Chem.	Civil	ECE	Min.	CSE	IT
18.01.2020	O.R.	Non Conv. Engg.	Manf. Auto. Robotics.	PCISM	CPO& Safety/ Energy Con. Method	Bridge Engg./Air Pollution Control	RTESys/ DBMS/ AI&ES/MMT	Surface Min.-II	AI&E Sys.	AI&E Sys.
21.01.2020	Mech. Vib.	Virtual Inst/ Mod. & Simulat.	Value Engg.	Nano Mat.	PRE/ Env./Engg. Waste mgt.	Open Channel Hydro	Wire Less Comm.	U.C.M.- II	DWH & DM	DWH & DM
24.01.2020	C.S.M.	Ctr.Sys.II	TMCF	Powder Met.	C.P.M.	Geo Tech. Engg.II	Antenna Engg.	M.M/Cy- II	Comp. Grap.	Comp. Grap.
27.01.2020	I.E.M.	CAPS/ VLSI Dgn.	Plant Engg.	Found Tech.	P.D.C.	Concrete Str. II	VLSI Dgn.	A.R.M.	C&NS	C&NS
29.01.2020	MSD	DSP	Project Engg.	HTMA	CAD in Chem. Engg.	Earth Quake Engg.	TSS	MVP	L.P.A.	L.P.A.

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By order of the Vice-Chancellor
Sd/-
(Birendra Kumar Gupta)
Controller of Examinations

Memo No./VBU/Ex-181/.....96...../2020

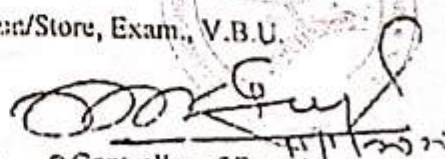
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Controller of Examinations
11/1/2020

VINOBA BHAVE UNIVERSITY, HAZARIBAG

Programme for B.Tech. 5th Semester Exam. 2019 (New)

Name of Centre	Name of Colleges
B.I.T., Sindri	B.I.T., Sindri
UCET, Hazaribag	K.K.College of Engg. & Mgt., Govindpur
	UCET, Hazaribag
	R.I.T., Koderma
Radha Govind Univ., Ramgarh	Govt. Engg. College, Ramgarh
Chas College, Chas	GGSESSTC, Chas, Bokaro

Timing : 1.30 p.m. to 4.30/5.00 p.m.

Date	Mechanical	Electrical/EEE	Production	Met.	Chem.	Civil	ECE	Mining	CSE	IT
17.01.2020	Heat Transfer	Control Sys-I	Metrolo. & Measur.	Material Charac.	Ind. Process Control	WRE-I	Micro & Interface	UCM-I	O'S	O.S
20.01.2020	OR	Microproce Microcontr.	Engg. Eco.	DOM	MTO-I	Mech. of Material	Dig. Comm.	Metallifer Mining Methods	DBMS	DBM
23.01.2020	IC Engine	Elect. M/C-II	Manuf. Process	HTMM	Fluidization Engg.	Steel Str-I	Linear Control System	Mine Ventilatic Engg.	Web. Techn	Web. Tech
25.01.2020	Project Mgt	Signal & System	Works Study & Ergono.	Phy.of Metal	Env. Engg/ Indus. Poll. Cont.	Env. Engg.	Signal & System	Mining Machiner	Compil Design	Com. Design
28.01.2020	Design of Mach. Element	Digital Sys Design	CAD/ CAM	Powder Metallurgy	CRE-I	Air Poll. Cont.	Comp Arch.	Mineral Process Engg.	PPL	PPL

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Memo No VBU/Ex-481/...9.7/2020

Dated - 11.01.2020

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Bokaro, Jharkhand-827013



Jharkhand University of Technology, Ranchi

1st Semester Engineering Examination 2019 (Revised)

Examination Programme of B.Tech.

Ref. No. :SBTE/48/2018/10EX

/Ranchi, Date : 08/01/2020

Time of Examinations : 1:30PM to 4:30PM		
Sl. No.	Date of Examinations	Subject of Examination
1	20.01.2020	Basic Electrical Engg.(ESC101)/ Chemistry-I (BSC102)
2	22.01.2020	Mathematics-I (BSC-103) All Branch
3	24.01.2020	Physics-I (BSC101) (Civil+Metal.) (Prod.+Min.+Mech.) (EE+EEE) (ECE+CSE+IT) (Chemical)


Controller of Examinations
JUT Ranchi




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GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS, CHAS, BOKARO
EXAMINATION SECTION
B.TECH MID - SEMESTER EXAMINATION-II (2019)

Notice No. : GGSESTC/ EXAM/ 153 /2019

Date: 19/11/2019

Timing : 1st Sitting 10:30AM to 12:00PM
 2nd Sitting 2:00PM to 3:30 PM

1st Semester						
Date	Sitting	Mech	Civil	EEE	ECE	CSE
27/11/2019	1st	Maths- I	Maths- I	Maths- I	Maths- I	Maths- I
	2nd	Chemistry- I	Chemistry- I	Chemistry- I	BEE	BEE
28/11/2019	1st	Physics - I	Physics - I	Physics - I	Physics - I	Physics - I

3rd Semester							
Date	Sitting	Mech	Civil	EE	EEE	ECE	CSE
27/11/2019	1st	Maths - III	Maths - III	Maths - III	Maths - III	Maths - III	Maths - III
	2nd	Mat. Sc. & Engg.	Geo & SM	N.T	N.T	N.T	DSA
28/11/2019	1st	FM	C.E.M	EMFT	EMFT	EMFT	CGPs in DSA
	2nd	Thermodynamics	Surveying- I	B.E	B.E	B.E	B.E
29/11/2019	1st	MOS-I	MOS	E.M-I	E.M-I	D.E & LD	D.E & LD
	2nd	Env. Sc.	Env. Sc.	Env. Sc.	Env. Sc.	Env. Sc.	Env. Sc.

This is as per the approval of Director, GGSESTC

Prof. In-charge, Examination, GGSESTC

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 2. Director (For kind information)
 3. Dy. Registrar
 4. Dean (Academics Admin.)
 - ~~5. Dean (Students Affairs)~~
 6. All HODs
 7. IT department (for website)
 8. All Notice Boards



DIRECTOR
 GGSESTC, Kandra, Chas
 Bokaro, Jharkhand-827013

GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS, CHAS, BOKARO
EXAMINATION SECTION
MBA MID - SEMESTER EXAMINATION - 2019

Notice No. : GGSESTC/EXAM/ 131 /2019

Date : 15/10/2019

Timing : 1st Sitting 10:30AM to 12:00PM

2nd Sitting 2:00PM to 3:30 PM

MBA 3rd Semester

Date	1st Sitting	2nd Sitting
21/10/2019	Business Law	Management of Financial Services/ International Marketing/ Industrial Relations & Labour laws
22/10/2019	Business Ethics & corporate Governance	Investment & Portfolio Management/ Consumer Behaviour/ Recruitment Selection & Training
23/10/2019	Supply Chain Management	—

This is as per the approval of Director, GGSESTC

Prof. Incharge, Examination, GGSESTC

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2. Registrar
3. Dean (Academics Admin.)
4. HOD, MBA
5. All Notice Boards

Prof. Incharge
15/10/19

Prof. Incharge
15/10/19

15-10-19 for *15/10/19*

DIRECTOR
GGSESTC, Kandara, Chas
Bokaro, Jharkhand-827013

GURU GORIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS, CHAS, BOKARO
EXAMINATION SECTION
REVISED MBA MID - SEMESTER EXAMINATION - 2019

Notice No. : GGSESTC/ EXAM/ 133 /2019

Date : 28/09/2019

Timing : 1st Sitting 10:30AM to 12:00PM
 2nd Sitting 2:00PM to 3:30 PM

MBA 1st Semester

Date	1st Sitting	2nd Sitting
12/10/2019	Mgmt. Principles & Practices ✓	Accounting & Fin. Mgmt. ✓
14/10/2019	Organizational Behaviour ✓	Marketing Mgmt. ✓
15/10/2019	Quant. Tech. for Mgmt.	IT for Managers
16/10/2019	Business Communication	-----

This is as per the approval of Director, GGSESTC

Prof. Incharge, Examination, GGSESTC

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 3. Dean (Academics Admin.)
 4. Dean (Students' Affairs)
 5. HOD, MBA
 6. IT department (for website)
 7. All Notice Boards



DIRECTOR
 GGSESTC, Kandra, Chas
 Bokaro, Jharkhand-827013

V

GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS, CHAS, BOKARO
EXAMINATION SECTION
REVISED B.TECH MID - SEMESTER EXAMINATION-I-(2019)

Notice No.: GGSESTC/EXAM/132/2019

Date: 28/09/2019

Timing: 1st Sitting 10:30AM to 12:00PM
 2nd Sitting 2:00PM to 3:30 PM

1st Semester						
Date	Sitting	Mech	Civil	EEE	ECE	CSE
12/10/2019	1st	Maths-I	Maths-I	Maths-I	Maths-I	Maths-I
	2nd	Chemistry-I	Chemistry-I	Chemistry-I	III-E	BEE
14/10/2019	1st	Physics-I	Physics-I	Physics-I	Physics-I	Physics-I

3rd Semester						
Date	Sitting	Mech	Civil	EE	EEE	ECE
12/10/2019	1st	Maths-III	Maths-III	Maths-III	Maths-III	Maths-III
	2nd	Mat. Sc. & Engg.	Geo & SM	N.T	N.T	N.T
14/10/2019	1st	FM	C.E.M	EMFT	EMFT	EMFT
	2nd	Thermodynamics	Surveying-I	B.E	B.E	B.E
15/10/2019	1st	MOS-I	MOS	E.M-I	E.M-I	D.E & LD
	2nd	Env. Sc.	Env. Sc.	Env. Sc.	Env. Sc.	Env. Sc.

5th Semester						
Date	Sitting	Mech	Civil	EE	EEE	ECE
12/10/2019	1st	H.M.T	W.R.E-I	E.M-II	E.M-II	LCS
	2nd	DME	MOM	MPMC	MPMC	MPMC
14/10/2019	1st	NCES	Steel Str.	Signal & Sys	Signal & Sys	Signal & Sys
	2nd	POM	Env. Engg.	Digital Elect.	Digital Elect.	DCS
15/10/2019	1st	ICE	Air Pollution	Control Sys-I	Control Sys-I	Web Tech

7th Semester						
Date	Sitting	Mech	Civil	EE	EEE	ECE
12/10/2019	1st	O.R	Bridge Engg.	N.C.E	N.C.E	RT & ES
	2nd	Mech. Vib.	Open Ch. Hydro	Mod. & Simu	Mod. & Simu	Wireless Comm.
14/10/2019	1st	C.S.M	Geo Th. Engg-II	DSP	DSP	Antenna Engg.
	2nd	I.E.M	Concrete Str. II	Control Sys.II	Control Sys.II	T.S.S
15/10/2019	1st	M.S.D (2 Hrs.)	Earthquake Engg.	CAPS	VLSI	VLSI

Ghoshal
28/9/19

Prakash
28/9/19

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Prof. In-charge, Examination, GGSESTC

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4. Dean (Students' Affairs)
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6. IT department (for website)
7. All Notice Boards

28/9/19

28/9/19

28/9/19

28/9/19

[Signature]



DIRECTOR
GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

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VINOBA BHAVE UNIVERSITY, HAZARIBAG

(Examination Department)

Programme for B. Tech. 4th Semester 2019 (NEW)

Name of Centre	Name of Colleges
B.I.T., Sindri	K.K.College of Engg. & Mgt., Govindpur
Ramgarh College, Ramgarh	Govt. Engg. College, Ramgarh
Chas College, Chas	GGSESTC, Chas, Bokaro
UCEF, Hazaribag	R.I.T., Koderma

Timing : 1.00 p.m. to 4.00 p.m.

Date	Mech.	Elect. & EEE	ECE	CSE	Civil
06.11.2019	Math-IV	Math-IV	Math-IV	Math-IV	Math-IV
08.11.2019	Electro. & Instru. Engg.	Data Str. & Algor	Data Str. & Algor	Discrete Maths	Electro. & Instru. Engg.
11.11.2019	Applied Thermo	Power Sys-I	Analog Comm.	Design & Anal of Algor.	Fluid Mech.
13.11.2019	Fluid Mech. & Fluid Machine	Measur. & Instr.	SCD	COA	Structural Anal-I
16.11.2019	Manf. Process	Analog Electro.	Analog Electro.	Object Oriented Prog.	Con. Str.-I
18.11.2019	Biology	Env. Sc.	Env. Sc.	Env. Sc.	Biology

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By order of the Vice-Chancellor
Sd/-(Birendra Kumar Gupta)
Controller of Examinations

Dated- 27/09/19

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5. SDO, Sadar, Dhanbad/Hazaribag/Bokaro/Ramgarh.
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11. University website - www.vbu.ac.in

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VINOBA BHAVE UNIVERSITY, HAZARIBAG
(Examination Department)
Programme for B.Tech. 6th Semester 2019

Name of Centre	Name of Colleges
Ramgarh College, Ramgarh	Govt. Engg. College, Ramgarh
UCET, Hazaribag	R.I.T., Koderma

Timing : 1.00 P.M. to 4.00/5.00 P.M.

Date	Mech.	Electrical	EEE	ECE	CSE	Civil
06.11.2019	D.O.M.	Mgt.Con. & Tech.	Mgt.Con. & Tech.	Ind. Mgt.	Ind. Mgt.	Con. Str. I
08.11.2019	Auto Engg.	Micro&Micro -contr./ Comm.Sys.	Comm.Sys.	D.S.P.	Compil. Dgn.	W.R.E.-II
11.11.2019	RAC	Ctr. Sys.-I	Ctr. Sys.-I	Micro. Engg.	Soft. Compu.	Str. Anly. II
13.11.2019	Auto. (CAM)	PPAS	PPAS	Comp. Network	Comp. Network	Trans. Engg.
16.11.2019	Machine Design	Power Electro.	Power Electro.	Power Electro.	D.A.A.	Steel Str.-II

Note:

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Sd/-

(Birendra Kumar Gupta)
Controller of Examinations

Dated- 27/09/19

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VINOBA BHAVE UNIVERSITY, HAZARIBAG

(Examination Department)

Programme for B.Tech. 8th Semester 2019 Exam.

Name of Centre	Name of Colleges
UCET, VBU, Hazaribag	R.I.T., Koderma

Timing : 1.00 P.M. to 4.00 P.M.

Date	Mech.	EEE	ECE	CSE	Civil
15.10.2019	Robotics	OFC	Opt. Fibre Comm.	E-comm & Security	G.W.H.
17.10.2019	Metrology	Intelligent Control	Satellite Comm.	ERP	Hydro. Str.
21.10.2019	Works & Measur.	High Voltage Engg.	Mobile Comm.	MMT	Soil Dynamics
22.10.2019	ICGT	PEAPS	Internet Tech/ Dig. Image Process	FMA	P.S.C.
24.10.2019	PPE	Utili. & Traction	Bio-Med. Electro/ VEP/Soft Comp.	VEP	C.P.M.

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Controller of Examinations

DIRECTOR
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Bokaro, Jharkhand-827013



GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS, CHAS, BOKARO

EXAMINATION SECTION

B.TECH MID - SEMESTER EXAMINATION-I (2019)

Notice No. : GGSESTC/EXAM/125/2019

Date : 24/09/2019

Timing : 1st Sitting
2nd Sitting

10:30AM to 12:00PM
2:00PM to 3:30 PM

1st Semester

Date	Sitting	Mech	Civil	EEE	ECE	CSE
10/10/2019	1st	Maths- I	Maths- I	Maths- I	Maths- I	Maths- I
	2nd	Chemistry- I	Chemistry- I	Chemistry- I	BEE	BEE
11/10/2019	1st	Physics - I	Physics - I	Physics - I	Physics - I	Physics - I

3rd Semester

Date	Sitting	Mech	Civil	EE	EEE	ECE	CSE
10/10/2019	1st	Maths - III	Maths - III	Maths - III	Maths - III	Maths - III	Maths - III
	2nd	Mat. Sc. & Engg.	Geo & SM	N.T	N.T	N.T	DSA
11/10/2019	1st	FM	C.E.M	EMFT	EMFT	EMFT	OOPs in JAVA
	2nd	Thermodynamics	Surveying- I	B.E	B.E	B.E	B.E
12/10/2019	1st	MOS-I	MOS	E.M-I	E.M-I	D.E & LD	D.E & LD
	2nd	Env. Sc.	Env. Sc.	Env. Sc.	Env. Sc.	Env. Sc.	Env. Sc.

5th Semester

Date	Sitting	Mech	Civil	EE	EEE	ECE	CSE
10/10/2019	1st	I.L.M.T	W.R.E-I	E.M-II	E.M-II	LCS	Compiler Design
	2nd	DME	MOM	MPMC	MPMC	MPMC	PPL
11/10/2019	1st	NCES	Steel Str.	Signal & Sys	Signal & Sys	Signal & Sys	DBMS
	2nd	POM	Env. Engg	Digital Elect.	Digital Elect.	DCS	OS
12/10/2019	1st	ICE	Air Pollution	Control Sys -I	Control Sys -I	Web Tech	Web Tech

7th Semester

Date	Sitting	Mech	Civil	EE	EEE	ECE	CSE
10/10/2019	1st	O.R	Bridge Engg.	N.C.E	N.C.E	RT & ES	A.I & ES
	2nd	Mech. Vib.	Open Ch. Hydro	Mod. & Simu	Mod. & Simu	Wireless Comu.	D.W.H & D.M
11/10/2019	1st	C.S.M	Geo Th. Engg. -II	DSP	DSP	Antenna Engg.	C.G
	2nd	I.E.M	Concrete Str. II	Control Sys.II	Control Sys.II	T.S.S	C.& NS
12/10/2019	1st	M.S.D.	Earthquake Engg.	CAPS	VLSI	VLSI	L.P.S.A

This is as per the approval of Director, GGSESTC

Prof. Incharge, Examination, GGSESTC

Copy to:

1. Director (For kind information)
2. Registrar
3. Dean (Academics Admin.)
4. Dean (Students' Affairs)
5. All HODs
6. IT department (for website)
7. All Notice Boards

DIRECTOR

GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

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VINOBA BHAVE UNIVERSITY, HAZARIBAG

PROGRAMME FOR MBA IInd SEM. (2018-20) under CBCS

Last date of submission of Exams. Form by the Dept./Institute in the University - Without Fine	10.07.2019
Last date of submission of Exams. Form in the University - With Fine @ Rs. 500/-	13.07.2019

NAME OF CENTRE	Name of Dept./College
Chas College, Chas	Guru Govind Singh Educational Society Technical Campus, Bokaro
Science Block-II, VBU, Hazaribag	MBA Dept., VBU, Hazaribag

TIME OF EXAMINATION :- 1.00 P.M. to 4.00 P.M.

2 nd Semester Exam. Under CBCS	
DATE OF EXAM.	Paper Code
25.07.2019	MBA-421
27.07.2019	MBA-422
29.07.2019	MBA-423
31.07.2019	MBA-424
02.08.2019	MBA-425
05.08.2019	MBA-426

Note:

1. Provision of the conduct of Examination Act 1981 and directive of the Hon'ble High Court, Patna, dated 22.12.1995 will be strictly implemented for fair conduct of examination.
2. All undesirable material such as Mobile and Programmable calculator are strictly prohibited.
3. Any special marking by the examinees or any other person for the purpose of unauthorized defiance of the coding of the answerbook is prohibited and even punishable under the regulations.
4. There will be no re-examination in case of walkout or cancellation of examination.
5. Examinees are required to bring their "ADMIT CARD" on each day of examination, without which he/she may not be allowed to appear in the examination.
6. Programme must be verified from the college concerned.
7. Examination forms will not be accepted after the due date.
8. Please submit the computerized statement of the examination form in triplicate.

By order of the Vice-Chancellor
Sd/-

(Birendra Kumar Gupta)
Controller of Examinations

Dated-29/6/19

Memo No.VBU/Ex-377/1628/2019

Copy to:

1. Director, MBA, VBU, Hazaribag & G.G.S.E.S. Technical Campus, Bokaro.
2. Principal, Chas College, Chas,
3. District Judge, Hazaribag & Bokaro Dist.
4. Deputy Commissioner, Hazaribag & Bokaro Dist.
5. S.P., Hazaribag & Bokaro Dist.
6. SDO, Sadar, Hazaribag & Chas, Bokaro,
7. Director, Computer Cell, Exam. Dept., V.B.U.,
8. Confidential Exam., Account Section, Store Exam., V.B.U.,
9. Registrar/F.O., V.B.U.,
10. P.A. to VC/PVC for kind information to VC/PVC.
11. University website (www.vbu.ac.in)

DIRECTOR

GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

Umesh/A10A/4122009

(Birendra Kumar Gupta)
Controller of Examinations



VINOBA BHAVE UNIVERSITY, HAZARIBAG

PROGRAMME FOR MBA 4th SEMESTER (2017-19) UNDER CBCS

Last date of submission of Exams. Form by the Dept./Institute in the University - Without Fine	27.05.2019
Last date of submission of Exams. Form in the University - With Fine	22.07.2019

NAME OF CENTRE	Name of Dept./College
Science Block-II, V.B.U., Hazaribag	M.B.A. Dept., V.B.U.
Chas College, Chas	Guru Govind Singh Educational Society Technical Campus, Bokaro

TIME OF EXAMINATION :- 11.00 A.M. to 2.00 P.M.

DATE OF EXAM.	4 th Semester (2016-18) Under CBCS Paper Code & Subject
11.06.2019	MBA-441
13.06.2019	MBA-442
15.06.2019	MBA-F01, MBA-M01, MBA-M04, MBA-H01, MBA-H05, MBA-P01, MBA-IT03.
17.06.2019	MBA-F02, MBA-M02, MBA-M05, MBA-H02, MBA-H06, MBA-P02, MBA-IT05
19.06.2019	MBA-F05, MBA-M06, MBA-H03, MBA-P03, MBA-IT06
24.06.2019 & 25.06.2019	Final Viva-Voce Exam.

Note:

1. Provision of the conduct of Examination Act 1901 and directive of the Hon'ble High Court, Patna, dated 22.12.1995 will be strictly implemented for fair conduct of examination.
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6. Programme must be verified from the college concerned.

By order of the Vice-Chancellor
Sd/-
Controller of Examinations

Memo No.VBU/Ex-377/...../11.7.2019

Dated: 16/05/2019

Copy to:

1. Director, MBA, VBU, Hazaribag & G.E.S.E.S. Technical Campus, Bokaro.
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3. District Judge, Hazaribag & Bokaro,
4. SDO, Sadar Hazaribag & Chas, Bokaro,
5. Director, Computer Cell, Exam. Dept., V.B.U.,
6. Confidential Exam., Account Section, Store Exam., V.B.U.,
7. Registrar/F.O., V.B.U.,
8. P.A. to VC/PVC/FA for kind information to VC/PVC/FA.
9. University website (www.vbu.ac.in)



[Signature]
16.5.19
Controller of Examinations

DIRECTOR

GSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

Umesh/MBA/4122009

VINOBA BHAVE UNIVERSITY, HAZARIBAG

(Examination Department)

Revised Programme for B.Tech. 2nd Semester 2019 (OLD) Exam.

Name of Centre	Name of Colleges
B.I.T., Sindri	B.I.T., Sindri
UCET, Hazaribag	K.K.College of Engg. & Mgt., Govindpur
Radha Govind T.T.College, Ramgarh	UCET, Hazaribag
Bhavnath Choudhary T.T. College, Chas	R.I.T., Koderma
	Govt. Engg. College, Ramgarh
	GGSESSTC, Chas, Bokaro

Timing : 9.00 a.m. to 12.00 noon

Date	Mech., EE, ECE, Prod., Civil, Met, CSE, IT, EEE & Min.	Chemical
21.05.2019	FCP	FCP
23.05.2019	Environment and Ecology	Engg. Chem.-II
25.05.2019	Basic Electronics	Basic Electronics
27.05.2019	Engg. Thermodynamics	Engg. Thermodynamics
29.05.2019	Mathematics-II	Mathematics-II
30.05.2019	Engg. Physics-II	Engg. Physics-II

Note:

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By order of the Vice-Chancellor
Sd/-

(Birendra Kumar Gupta)
Controller of Examinations

Dated- 30/04/19

Memo No./VBU/Ex-481/....9.9.0...../2019

Copy to:

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- D.C., Dhanbad/Hazaribag/Bokaro/Ramgarh.
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- SDO, Sadar, Dhanbad/Hazaribag/Bokaro/Ramgarh.
- District Judge, Dhanbad/Hazaribag/Bokaro/Ramgarh.
- Registrar/F.O., V.B.U.
- Director, Computer Cell, V.B.U.
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- P.A. to VC/PVC for kind information to the VC/PVC.
- University website - www.vbu.ac.in

(Birendra Kumar Gupta)
Controller of Examinations

DIRECTOR

GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

VINOBA BHAVE UNIVERSITY, HAZARIBAG

(Examination Department)

Revised Programme for B.Tech. 8th Semester 2019 Exam.

Name of Centre	Name of Colleges
B.I.T., Sindri	B.I.T., Sindri
UCET, Hazaribag	K.K. College of Engg. & Mgt., Govindpur
	UCET, Hazaribag
	R.I.T., Koderma
Radha Govind T.T. College, Ramgarh	Govt. Engg. College, Ramgarh
Bhawnath Choudhary T.T. College, Chas	GGSESTC, Chas, Bokaro

Timing : 9.00 A.M. to 12.00 Noon

Date	Mech.	Prod.	Elect. & EEE	ECE	CSE	IT	Civil	Min	Met	Chem.
15.05.2019	Robotics	P.P.C	Drives & Control/ OFC	Opt. Fibre Comm.	E-comm & Security	E-comm & Security	G.W.H	M.E. & R.M.	EEM	Petro Tech. CPA
20.05.2019	Metrology	Qus & Relia.	Intelligent Control	Satellite Comm.	ERP	ERP	Hydro. Str.	M.L. & S.F.	AMIS	Envir Engg
22.05.2019	Works & Measur.	M.I.S.	High Voltage Engg.	Mobile Comm.	MMT	MMT	Soil Dynamics	O.R.	Engg. Mat.	Poly Sc & Engrg
24.05.2019	ICGT	Rapid Prototype	H.V.D.C./ PEAPS	Internet Tech/ Dig. Image Process	FMA	Internet Tech.	P.S.C.	MDRM	Comp. & Comm.	ITP
25.05.2019	ITE	VITSE	Utili. & Traction	Bio-Med. Electro/ VEP/Soft Comp.	VEP	MIS	C.P.M.	M.P.D.	Met Joining Tech.	Mn. Manf. R & Chem. Engg

Note:

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By order of the Vice-Chancellor
Sd/-

(Harendra Kumar Gupta)
Controller of Examinations

Dated- 30/04/19

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Copy to:

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- S.P., Dhanbad/Hazaribag/Bokaro/Ramgarh.
- SDO, Sadar, Dhanbad/Hazaribag/Bokaro/Ramgarh.
- Registrar/F.O., V.B.U.
- Director, Computer Cell, V.B.U.
- Confidential Section/ Account Section/Store, Exam., V.B.U.
- P.A. to VC/PVC for kind information to the VC/PVC.
- University website - www.vbu.ac.in

Uneth/PIT Prog.

DIRECTOR
GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013



VINOBA BHAVE UNIVERSITY, HAZARIBAG

(Examination Department)
Programme for B.Tech. 6th Semester 2019.

Name of Centre	Name of Colleges
B.I.T., Sindri	B.I.T., Sindri
UCET, Hazaribag	K.K. College of Engg. & Mgt., Govindpur
Radha Govind T.T. College, Ramgarh	UCET, Hazaribag
Bhavanth Choudhary T.T. College, Chas	R.I.T., Koderma
	Govt. Engg. College, Ramgarh
	GGSESTC, Chas, Bokaro

Timing : 2.00 P.M. to 5.00/6.00 P.M.

Date	Mech.	Prod.	Elect. & EEE	ECE	CSE	LT.	Civil	MIn	Met	Chem.
16.05.2019	D.O.M.	M.P.-III	Mgt. Con. & Tech.	Ind. Mgt.	Ind. Mgt.	V.E.P.	Con. Str. I	UMM	PEM	Energy Option/ Fertile Tech.
20.05.2019	Auto Engg.	Work Study & Ergo.	Micro & Micro contr./ Comm. Sys.	D.S.P.	Compil. Dgn.	F.M.A.	W.R.E.- II	Elect. Engg. In Mines	Steel Making	Mat. of Con
22.05.2019	RAC	M.M.P.	Ctrl. Sys.-I	Micro. Engg.	Soft. Compu.	Soft. Compu.	Str. Anly. II	Rock Mech.	Non. Fer. Tech.	MTO-II
24.05.2019	Auto. (CAM)	O.R.	PPAS	Comp. Network	Comp. Network	Comp. Network	Trans. Engg.	Mine Env. Engg.-II	Deg. of Mat.	CRP
28.05.2019	Machine Design	P.T.D.-II	Power Electro.	Power Electro.	D.A.A.	D.A.A.	Steel Str.-II	R.E.F.	M.F.T.	P.E.D.

Note:

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By order of the Vice-Chancellor

Sd/-

(Birendra Kumar Gupta)

Controller of Examinations

Dated- 26/04/2019

Memo No./VBU/Ex-481/.....946...../2019

Copies to:

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- D.C., Dhanbad/Hazaribag/Bokaro.
- S.P., Dhanbad/Hazaribag/Bokaro.
- SDO, Sadar, Dhanbad/Hazaribag/Bokaro.
- District Judge, Dhanbad/Hazaribag/Bokaro.
- Registrar/F.O., V.B.U.
- Director, Computer Cell, V.B.U.
- Confidential Section/ Account Section/Store, Exam., V.B.U.
- P.A. to VC/PVC for kind information to the VC/PVC
- University website - www.vbu.ac.in

(Birendra Kumar Gupta)
Controller of Examinations

26/4/19

Times/MT Print

DIRECTOR
GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

VINOBA BHAVE UNIVERSITY, HAZARIBAG

(Examination Department)

Programme for B. Tech. 4th Semester 2019 (NEW).

Name of Centre	Name of Colleges
B.I.T., Sindri	B.I.T., Sindri
UCET, Hazaribag	K.K. College of Engg. & Mgt., Govindpur
	UCET, Hazaribag
Radha Govind T.T. College, Ramgarh	R.I.T., Koderma
Ravivath Choudhary T.T. College, Chas	Govt. Engg. College, Ramgarh
	GGSESTC, Chas, Bokaro

Timing : 9.00 a.m. to 12.00 noon

Date	Mech.	Prod.	Elect. & EEE	ECE	CSE	IT	Civil	Min	Met	Chem.
05.12.2019	Math-IV	Math-IV	Math-IV	Math-IV	Math-IV	Math-IV	Math-IV	Math-IV	Math-IV	Math-IV
05.12.2019	Electro. & Instru. Engg.	Electro. & Instru. Engg.	Data Str. & Algor	Data Str. & Algor	Discrete Maths	Discrete Maths	Electro. & Instru. Engg.	Electro. & Instru. Engg.	Electro. & Instru. Engg.	Electro. & Instru. Engg.
05.12.2019	Applied Thermo	Ind. Mgt. & Plant. Engg.	Power Sys-I	Analog Comm.	Design & Anal of Algor.	Design & Anal of Algor.	Fluid Mech.	Min Gen-I	Physical Met.	Ind. Che Calculat.
05.12.2019	Fluid Mech. & Fluid Machine	Fluid Mech. & Fluid Machine	Measur. & Instr.	SCD	COA	COA	Structural Anal-I	Mines Surveying	Mineral Engg.	Chemical Tech.
05.12.2019	Manf. Process	Manf. Process-I	Analog Electro.	Analog Electro.	Object Oriented Prog.	Object Oriented Prog.	Con. Str.-I	Mine Develop. & Method	Intro. to Trans. Pheno.	Fluid Particle Operatio
05.12.2019	Biology	Biology	Env. Sc.	Env. Sc.	Env. Sc.	Env. Sc.	Biology	Biology	Biology	Biology

Note:

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By order of the Vice-Chancellor
Sd/-

(Birendra Kumar Gupta)
Controller of Examinations

Dated: 26.11.2019

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2. Concerned Principal, VBU
3. D.C., Dhanbad/Hazaribag/Bokaro.
4. S.P., Dhanbad/Hazaribag/Bokaro.
5. SDO, Sadar, Dhanbad/Hazaribag/Bokaro.
6. District Judge, Dhanbad/Hazaribag/Bokaro.
7. Registrar/F.O., V.B.U.
8. Director, Computer Cell, V.B.U.
9. Confidential Section/ Account Section/Store, Exam., V.B.U.
10. P.A. to VC/PVC for kind information to the VC/IVC.
11. University website - www.vbu.ac.in

(Signature)
Controller of Examinations
26/11/19

(Marked/PT Prog)



DIRECTOR
GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

VINOBA BHAVE UNIVERSITY, HAZARIBAG

(Examination Department)

Programme for B. Tech. 4th Semester 2019 (OLD).

Name of Centre	Name of Colleges
B.I.T., Sindri	B.I.T., Sindri
UCET, Hazaribag	K.K. College of Engg. & Mgt., Govindpur
Radha Govind T.T. College, Ramgarh	UCET, Hazaribag
Bhavanath Choudhary T.T. College, Chas	R.I.T., Koderma
	Govt. Engg. College, Ramgarh
	GGSESTC, Chas, Bokaro

Timing: 2.00 p.m. to 5.00 p.m.

Date	Mech.	Prod.	Elect. & EEE	ECE	CSE	I.T.	Civil	Min.	Met.	Chem.
08.05.2019	Math-IV	Math-IV	Math-IV	Math-IV	Math-IV	Math-IV	Math-IV	Math-IV	Math-IV	Math-IV
15.05.2019	Prob. & Stat	Prob. & Stat	Prob. & Stat	Prob. & Stat	Prob. & Stat	Prob. & Stat	Prob. & Stat	Prob. & Stat	Prob. & Stat	Prob. & Stat
22.05.2019	Fluid Mech	Fluid Mech.	Analog Electro.	Analog Electro.	Analog Electro.	Analog Electro.	Fluid Mech. (Civil)	Fluid Mech.	M.T.K.	I.C.C.
29.05.2019	Fluid Machine	Fluid Machine	Power Sys. I	Comm. System	Comm. System	Comm. System	Engg. Geology	Intro. To Mine Tech.	F.R.F.	F.P.O.
05.06.2019	Manu. Tech-I	M.P.-I	Inst.-I	Inst.-I	DBMS	DBMS	Str. Anly-I	Engg. Geo-II	Mat. Charact	P.E.-I
27.05.2019	CAD-G	CAD	Sig. & System	Semi. Cond. Device	JAVA	JAVA	Survey-II	Min. Process Engg.	Min. Process Engg.	C.E.T.-II

Notes:

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By order of the Vice-Chancellor

Sd/-

(Birendra Kumar Gupta)

Controller of Examinations

Dated- 26/04/2019

Memo No/VBU/Ex-481/...../2018

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2. Concerned Principal, VBU
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5. SDO, Sadar, Dhanbad/Hazaribag/Bokaro.
6. District Judge, Dhanbad/Hazaribag/Bokaro.
7. Registrar/F.O., V.B.U.
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11. University website - www.vbu.ac.in

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DIRECTOR
GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS, CHAS, BOKARO
EXAMINATION SECTION
MID - SEMESTER EXAMINATION II- 2019

Notice No. : GGSESTC/ EXAM/ 14 /2019

Date : 23/04/2019

Timing : 1st Sitting 10:30 AM to 12:30 PM
 2nd Sitting 2:00 PM to 4:00 PM

Semester: 2nd		B.Tech 2nd Semester All Branch (ME/Civil/EE/EEE/ECE/CSE)		MBA(2nd Semester)
Date	Sitting			
6/5/2019	1st	Physics-II ✓		Human Resource Management ✓
	2nd	Basic Electrical Engineering ✓		Business Research ✓
7/5/2019	1st	Mathematics-II ✓		Managerial Economics ✓
	2nd	Programming for Problem Solving ✓		Operations Research ✓
8/5/2019	1st	English ✓		Cost Management ✓
	2nd			E-Business

Semester : 4th		Mech	Civil	EE	EEE	ECE	CSE
Date	Sitting						
6/5/2019	1st	Maths - IV ✓	Maths - IV ✓	Maths - IV ✓	Maths - IV ✓	Maths - IV ✓	Maths - IV ✓
	2nd	EIE ✓	EIE ✓	DSA ✓	DSA ✓	DSA ✓	DAA ✓
7/5/2019	1st	App. Thermo ✓	Stru. Ana-I ✓	PS-I ✓	PS-I ✓	A. Comm. ✓	DM ✓
	2nd	FM & FM ✓	FM ✓	MI ✓	MI ✓	SCD ✓	COA ✓
8/5/2019	1st	Manu. Process ✓	Concrete Str ✓	AE ✓	AE ✓	AE ✓	OOP ✓
	2nd	Biology ✓	Biology ✓			Environmental Science ✓	

Semester : 6th		Mech	Civil	EE	EEE	ECE	CSE
Date	Sitting						
6/5/2019	1st	D.O.M ✓	Conc. Str - I ✓	Mgmt. Cont ✓	Mgmt. Cont ✓	DSP ✓	Compiler Des ✓
	2nd	Auto Engg. ✓	WRE - II ✓	Micro Cont ✓	Comm Sys ✓	IM ✓	IM ✓
7/5/2019	1st	RAC ✓	Str. Anal- II ✓	PPAS ✓	PPAS ✓	Microwave ✓	Soft Comput ✓
	2nd	Auto CAM ✓	Trans. Engg. ✓	Control Sys - I ✓	Control Sys - I ✓	CN ✓	CN ✓
8/5/2019	1st	Machine Desig ✓	Steel Str. - II ✓	Power Elec. ✓	Power Elec. ✓	Power Elec ✓	DAA ✓

Semester : 8th		Mech	Civil	EE	EEE	ECE	CSE
Date	Sitting						
6/5/2019	1st	Robotics ✓	GWH ✓	Drives Cont ✓	OFC ✓	OFC ✓	E Comm ✓
	2nd	Meteorology ✓	Hydro Str. ✓	Intell. Cont ✓	Intell. Cont ✓	Sat. Comm ✓	ERP ✓
7/5/2019	1st	Works & Meas ✓	Soil Dyn ✓	High Volt Engg. ✓	High Volt Engg. ✓	Mob Comm ✓	MMT ✓
	2nd	ICGT ✓	PSC ✓	HVDC ✓	PEAPS ✓	BME ✓	Valu & Eth. ✓
8/5/2019	1st	PPE ✓	CPM ✓	Uti. & Traction ✓	Uti. & Traction ✓	DIP ✓	FMA ✓

This is as per the approval of Director, GGSESTC

Professor Incharge, Examination
 GGSESTC, Bokaro

Copy to:

1. Director (For kind Information)
2. Dean (Academics & Administration)
3. Dy. Registrar
4. All HODs
5. All Notice Boards (including Girls' & Boys' Hostel)

Rajan P P
 24/04/19

Aditya

24/4/19

DIRECTOR
 GGSESTC, Kandra, Chas
 Bokaro, Jharkhand-827013

23/4/19

25/4/19

24/04/19

23/4/19

25.4.19

GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS, BOKARO

Ref. No.: GGSESTC/Exam/ 12-2019

Date: 28/03/2019

M.B.A Mid Semester Examination-2019

First Sitting : 10:30 am to 12:30 PM
Second Sitting : 02:00 PM to 04:00 PM

Date	Sitting	Name of Paper
08/04/2019	1 st	Strategic and Innovation Management (MBA 441)
	2 nd	Entrepreneurship and Family Business (MBA 442)
09/04/2019	1 st	Consumer Behavior(MBAM06)/ HRD Strategies and systems(MBAH01)
	2 nd	Sales and Distribution Management(MBA M02) / Industrial Relation Management(MBAH02)
10/04/2019	1 st	Advertising Management(MBAM01) / Labour Legislation and Welfare (MBAH03)

Note: 1. Mobile phones or any electronic gadgets are strictly prohibited in the examination hall.
2. Students are not allowed to leave the examination hall before one and half hour under any circumstances.

This is as per the approval of Director, GGSESTC, Bokaro.

Prof. In charge, Examination
GGSESTC, Bokaro

Copy to:

1. Director (for kind information)
2. Dean (Academic Administration)
3. Deputy Registrar
4. HOD, MBA
5. All Notice Board



DIRECTOR
GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS, BOKARO
EXAMINATION SECTION
MID - SEMESTER EXAMINATION - 2019

Notice No. : GGSESTC/ EXAM/ 09 /2019

Date : 7/03/2019

Timing : 1st Sitting 10:30 AM to 12:30 PM
 2nd Sitting 02:00 PM to 4:00 PM

Semester :	4th						
Date	Sitting	Mech	Civil	EE	EEE	ECE	CSE
26-03-19	1st	Maths-IV ✓	Maths-IV ✓	Maths-IV ✓	Maths-IV ✓	Maths-IV ✓	Maths-IV ✓
	2nd	EIE ✓	EIE ✓	DSA ✓	DSA ✓	DSA ✓	DAA ✓
27-03-19	1st	App. Ther ✓	Str. Ana-I ✓	PS-I ✓	PS-I ✓	Ana. Comm ✓	DM ✓
	2nd	7 FM&FM ✓	PM ✓	MI ✓	MI ✓	Semi. Dev. ✓	COA ✓
28-03-19	1st	Manu. Process ✓	Con. Str.-I ✓	AE ✓	AE ✓	AE ✓	OOP ✓
	2nd	Biology ✓	Biology ✓	Env. Sc. ✓	Env. Sc. ✓	Env. Sc. ✓	Env. Sc. ✓

Semester :	6th						
Date	Sitting	Mech	Civil	EE	EEE	ECE	CSE
26-03-19	1st	D.O.M ✓	Conc. Str - I ✓	Mgmt. Cont ✓	Mgmt. Cont ✓	DSP ✓	Compiler Des ✓
	2nd	Auto Engg. ✓	WRE - II ✓	Micro Cont ✓	Comm Sys ✓	IM ✓	IM ✓
27-03-19	1st	RAC ✓	Str. Anal- II ✓	PPAS ✓	PPAS ✓	Microwave ✓	Soft Comput ✓
	2nd	Auto CAM ✓	Trans. Engg. ✓	Control Sys - I ✓	Control Sys - I ✓	CN ✓	CN ✓
28-03-19	1st	Machine Design ✓	Steel Str. - II ✓	Power Elec. ✓	Power Elec. ✓	Power Elec. ✓	DAA ✓

Semester :	8th						
Date	Sitting	Mech	Civil	EE	EEE	ECE	CSE
26-03-19	1st	Robotics ✓	GWV ✓	Drives Cont ✓	OFC ✓	OFC ✓	E Comm ✓
	2nd	Meterology ✓	Hydro Str. ✓	Intell. Cont ✓	Intell. Cont ✓	Sat. Comm ✓	ERP ✓
27-03-19	1st	Works & Measur. ✓	Soil Dyn ✓	High Volt Engg. ✓	High Volt Engg. ✓	Mob Comm ✓	MMT ✓
	2nd	ICGT ✓	PSC ✓	HVDC ✓	PEAPS ✓	BME ✓	Valu & Eth. ✓
28-03-19	1st	PPE ✓	CPM ✓	Uti. & Traction ✓	Uti. & Traction ✓	DIP ✓	FMA ✓

This is as per the approval of Director, GGSESTC

- Copy to:
1. Director (For kind information)
 2. Dean (Academics Admin.)
 2. Dy. Registrar
 3. HODs
 4. All Notice Boards (including Boys & Girls Hostel)

Prof. In charge, Examination
 GGSESTC- Bokaro

Reja R P
 8/3/19

8/3/19

8/3/19

8/3/19

8/3/19



DIRECTOR
 GGSESTC, Kandra, Chas
 Bokaro, Jharkhand-827013

Sl. No. 1/2019

Date:

1st Sitting 10/03/2019 to 12/03/2019
 2nd Sitting 02/04/2019 to 04/04/2019

Dr. 20/03/2019

Date	Sitting	B.Tech 2nd Semester All Branch (NEW/CHANGED/RENEWED)	MBA/2nd Semester
11-03-19	1st	Physics-I	Human Resource Management
	2nd	Basic Electrical Engineering	Business Research
12-03-19	1st	Mathematics-II	Managerial Economics
	2nd	Programming for Problem Solving	Operations Research
13-03-19	1st	English	Cost Management
	2nd		E-Business

This is as per the approval of Director, GGSSTC

Copy to:

1. Director (for kind information)
2. Dean (Academic Affairs)
3. Dy. Registrar
4. All Notice Boards (including Boys & Girls hostels)

Prof. Intake Examination
 GGSSTC, Bokaro



DIRECTOR
 GGSSTC, Kandra, Chas
 Bokaro, Jharkhand-827013

GURU GORIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS, CHAS, BOKARO
REVISED SCHEDULE OF B.TECH (ODD) MID - SEMESTER EXAMINATION II - 2018

Notice No.: EXAM/2018/12/ 29

Date: 31/12/2018

Timing: 1st Sitting 10:30 AM to 12:30 PM
 2nd Sitting 02:00 PM to 4:00 PM

Semester: 3rd

Date	Sitting	Mech	Civil	EE	EEE	ECE	CSE
11-12-18	1st	Maths - III	Maths - III	Maths - III	Maths - III	Maths - III	Maths - III
	2nd	T.O.M	Geo & SM	N.T	N.T	N.T	FLAT
12-12-18	1st	Material Engg.	C.E.M	EMF	EMF	EMF	D.S
	2nd	Thermo	Surveying & Geo.	D.E	D.E	D.E	D.E
13-12-18	1st	Strength of Mat.	Strength of Mat.	E.M - I	E.M - I	D.E	D.E
	2nd	Env. Sc.	Env. Sc.	Bio	Bio	Bio	Bio

Semester: 5th

Date	Sitting	Mech	Civil	EE	EEE	ECE	CSE
11-12-18	1st	H.M.T	W.R.E-I	P.S-II	P.S-II	L&D CS	OS
	2nd	M.O.S-II	Str.Mech.	E.M - II	E.M - II	Dig. Comm.	FLAT
12-12-18	1st	Applied Thermo.	Env. Engg.	E.M.F	E.M.F	E.M.F	Soft. Engg.
	2nd	E.E.M	Geo. Tech. Engg.	Micro.&Inter.	Micro.&Inter.	Micro.&Inter.	Micro.&Inter.
13-12-18	1st	Manu. Tech-II	Steel Str-I	Instru.- II	S.C.D	C.O.A	C.O.A

Semester: 7th

Date	Sitting	Mech	Civil	EE	EEE	ECE	CSE
11-12-18	1st	O.R	Bridge Engg.	N.C.E	N.C.E	A.I	A.I
	2nd	Mech. Vib.	Open Ch. Hydro	Mod.& Simu	Mod.& Simu	Wireless	D.W.H & D.M
12-12-18	1st	C.S.M	Geo Th. Engg.-II	DSP	DSP	Antenna Engg.	C.A
	2nd	I.E.M	Concrete Str. II	Control Sys.II	Control Sys.II	T.S.S	C & NS
13-12-18	1st	M.S.D.	Earthquake Engg.	C.A.P.S	VLSI	VLSI	L.P.A

[Signature] 31/12/18
 This is as per the approval of Director, GGSESTC

Sd/-
 Prof.-in-charge, Examination, GGSESTC

- Copy to:**
1. Director (For kind information) *[Signature]*
 2. Dean (Academics Admin.)
 2. Registrar *[Signature]*
 3. All HODs
 4. IT department (for website)
 5. All Notice Boards *[Signature]*

[Signature] 31/12/18
 Prof.-in-Charge, Examination GGSESTC

[Signature] 3/12/18

[Signature] 21/12/18

[Signature] 3/12/18

[Signature] 31/12/18

DIRECTOR
 GGSESTC, Kandra, Chas
 Bokaro, Jharkhand-827013

NAME OF CENTRE
UCET, VBU
Chas College, Chas

NAME OF EMPLOYER/Colleague
MBA Dept., VBU, Hazaribag
Jai Gopal Singh Educational Society
Technical Campus, Bokaro

TIME OF EXAMINATION :- 1.00 P.M. to 4.00 P.M.

1st Semester Exam. 2018-20		3rd Semester Exam. 2017-19	
DATE OF EXAM.	Paper Code	DATE OF EXAM.	Paper Code
17.12.2018	MBA-411	07.01.2019	MBA-431
19.12.2018	MBA-412	09.01.2019	MBA-432
21.12.2018	MBA-413	11.01.2019	MBA-433
02.01.2019	MBA-414	15.01.2019	F01, M01, H01, P01
04.01.2019	MBA-415	17.01.2019	F02, M02, H02, P02
08.01.2019	MBA-416	19.01.2019	F05, M06, H03, P03, F04

Note:

1. Provision of the conduct of Examination Act 1981 and directive of the Hon'ble High Court, Patna, dated 22.12.1995 will be strictly implemented for fair conduct of examination.
2. All undesirable material such as Mobile and Programmable calculator are strictly prohibited.
3. Any special marking by the examinees or any other person for the purpose of unauthorized defiance of the coding of the answerbook is prohibited and even punishable under the regulations.
4. There will be no re-examination in case of walkout or cancellation of examination.
5. Examinees are required to bring their "ADMIT CARD" on each day of examination, without which he/she may not be allowed to appear in the examination.
6. Programme must be verified from the college concerned.
7. Examination forms will not be accepted after the due date.
8. Please submit the computerized statement of the examination form in triplicate.

By order of the Vice-Chancellor

Sd/-

(Birendra Kumar Gupta)

Controller of Examinations

Dated---14/12/2018

Memo No.VBU/Ex-377/2391-/2018

Copy to:

1. Director, MBA, VBU, Hazaribag.
2. Director, GGSESTC, Bokaro.
3. Concerned C.S.
4. District Judge, Hazaribag & Bokaro Dist.
5. Deputy Commissioner, Hazaribag & Bokaro Dist.
6. S.P., Hazaribag & Bokaro Dist.
7. SDO, Sadar, Hazaribag & Bokaro,
8. Director, Computer Cell, Exam. Dept., V.B.U.,
9. Confidential Exam., Account Section, Store Exam., V.B.U.,
10. Registrar/F.O., V.B.U.,
11. P.A. to VC/PVC for kind information to VC/PVC.

Website (www.vbu.ac.in)



DIRECTOR
GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

[Signature]

PROGRAMME FOR B.TECH 3RD SEMESTER EXAM 2018

Name of Centre	Name of Colleges
B.T.E. Sindri	B.T.E. Sindri
UCET, Hazaribag	K.K. College of Engg. & Mgt. Hazaribag
	UCET, Hazaribag
	R.I.T. Koderma
Rajha Govind I.T. College, Ramgarh	Govt. Engg. College, Ramgarh
Chas College, Chas	GGSESTC, Chas, Bokaro

Timing: 9.30 a.m. to 12.30/1.30 p.m.

Dates	Mech.	Elect/EEE	Prod.	Met	Chem.	Civil	ECE	CSE	IT	Min.
07.01.19	OR	Non Conv Engg.	Manf. Auto. Robotics.	PCISM	CPO& Safety	Bridge Engg.	RTESys/ DBMS/ AISES/MMT	AISE Sys	AISE Sys	Math-II
09.01.19	Mech Vib	Virtual Inst/ Mod. & Simulat.	Value Engg	Nano Mat.	PRE	Open Channel Hydro	Wire Less Comm.	DWH & DM	DWH & DM	IT-M
11.01.19	C.S.M.	Cir.Sys-II	IMCI	Powder Met.	C.P.M.	Geo Tech. Engg.II	Antenna Engg.	Comp Grap	Comp Grap	MM-Eng-II
15.01.19	I.E.M.	CAPS/ VLSI Dgn.	Plant Engg.	Found Tech.	P.D.C.	Concrete Str. II	VLSI Dgn.	C&NS	C&NS	ARM
17.01.19	Mech. Sys. & Dgn.	DSP	Project Engg.	HTMA	CAD in Chem. Engg.	Earth Quake Engg.	TSS	L.P.A.	L.P.A.	MVP

Note:

- Provision of the conduct of Examination Act 1981 and directive of the Hon'ble High Court, Patna, dated 22.12.1995 will be strictly implemented for fair conduct of examination.
- Examinees are required to bring their "ADMIT CARD" on each day of examination, without which he/she may not be allowed to appear in the examination.
- Any special marking by the examinees or any other person for the purpose of unauthorized defiance of the coding of the answer book is prohibited and even punishable under the regulations.
- There will be no re-examination in case of walkout or cancellation of examination.
- All undesirable material such as Mobile and Programmable calculator are strictly prohibited.
- Practical Examinations will be commence after completion of theory papers

By order of the Vice-Chancellor
Sd/-

(Birendra Kumar Gupta)
Controller of Examinations

Dated - 13/12/18

Memo No./VBU/Ex-481

27.84/2018

Copy to:

- Director, all Engineering Colleges under V.B.U., Hazaribag
- Concerned C.S., V.B.U.
- D.C., Dhanbad/Hazaribag/Bokaro/Ramgarh.
- S.P., Dhanbad/Hazaribag/Bokaro/Ramgarh.
- SDO, Sadar, Dhanbad/Hazaribag/Bokaro/Ramgarh.
- District Judge, Dhanbad/Hazaribag/Bokaro/Ramgarh.
- Registrar/F.O., V.B.U.
- Director, Computer Cell, Exam., V.B.U.
- Confidential Section/Concerned Assistant/ Account Section/Store, Exam., V.B.U.
- P.A. to VC/PVC for kind information to the VC/PVC.
- University website (www.vbu.ac.in)



DIRECTOR
GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

Controller of Examinations



JHARKHAND UNIVERSITY OF TECHNOLOGY

Science & Technology Campus

Sirkha-Toli, Namkum, Ranchi-834010, www.jutranchi.ac.in

Letter No. :- JUT-292/2019/1421

Ranchi, Date: -12/09/2022

Notification

Academic & Examinations Calendar for Academic Year 2022-23.

DIPLOMA 2 nd SEMESTER			
S.No.	ACTIVITY	EVEN	ODD
01	Commencement of Class	2 nd July 2022	16 th Nov. 2022
02	1 st Mid Semester	22 nd Aug.-27 th Aug. 2022	19 th Dec.-23 rd Dec. 2022
03	2 nd Mid Semester	23 Sept.-30 Sept. 2022	16 th Jan.-20 th Jan. 2023
04	Examination form fill-up & Verification	10 th Oct.-12 th Oct. 2022	20 th Feb.-25 th Feb. 2023
05	Viva Voce Examination External/Internal	14 th Oct.- 17 th Oct. 2022	1 st Mar.- 3 rd Mar. 2023
06	Submission of External/Internal Marks	19 th Oct.-21 st Oct. 2022	13 th Mar.- 16 th Mar. 2023
07	End Semester Exam (University Exam)	1 st Nov.-12 th Nov. 2022	20 th Mar.- 31 st Mar. 2023
08	Result Publication	3 rd Week of Dec.	1 st Week of May. 2023

DIPLOMA 5 th SEMESTER			
S.No.	ACTIVITY	ODD	EVEN
01	Commencement of Class	1 st Aug. 2022	23 Jan. 2023
02	1 st Mid Semester	19 th Sept.-24 th Sept. 2022	13 Mar.-18 Mar. 2023
03	2 nd Mid Semester	5 th Dec.-10 th Dec. 2022	24 th Apr.-29 th Apr. 2023
04	Examination form fill-up & Verification	12 th Dec.-15 th Dec. 2022	1 st May.-6 th May. 2023
05	Viva Voce Examination External/Internal	16 th Dec.-19 th Dec. 2022	8 th May.-11 th May. 2023
06	Submission of External/Internal Marks	20 th Dec.-22 nd Dec. 2022	12 th May.-15 th May. 2023
07	End Semester Exam (University Exam)	6 th Jan.-18 th Jan. 2023	15 th May.-28 th May. 2023
08	Result Publication	4 th Week of Feb.	2 nd Week of JULY

B.TECH 2 nd SEMESTER			
S.N	ACTIVITY	EVEN	ODD
01	Commencement of Class	2 nd July 2022	5 th Dec. 2022
02	1 st Mid Semester	22 nd Aug.-27 th Aug. 2022	3 rd Jan.-8 th Jan. 2023
03	2 nd Mid Semester	23 Sept.-30 Sept. 2022	7 th Feb.-11 th Feb. 2023
04	Examination form fill-up & Verification	10 th Oct.-12 th Oct. 2022	20 th Feb.-25 th Feb. 2023
05	Viva Voce Examination External/Internal	14 th Oct.- 17 th Oct. 2022	14 th Mar.-16 th Mar. 2023
06	Submission of External/Internal Marks	19 th Oct.-21 st Oct. 2022	27 th Mar.- 29 th Mar. 2023
07	End Semester Exam (University Exam)	16 th Nov.-28 th Nov. 2022	18 th Apr.- 29 th Apr. 2023
08	Result Publication	3 rd Week of Dec.	3 rd week of May 2023

[Signature]

[Signature]



[Signature]
DIRECTOR
 GGSESTC, Kandra, Chas
 Bokaro, Jharkhand-827013

B.TECH 5 th SEMESTER			
S.No.	ACTIVITY	ODD	EVEN
01	Commencement of Class	8 th Sept. 2022	20 th Feb. 2023
02	1 st Mid Semester	10 th Nov.- 16 th Nov. 2022	27 th Mar.-31 st Mar 2023
03	2 nd Mid Semester	5 th Dec.-9 th Dec. 2022	8 th May- 12 th May 2023
04	Examination form fill-up & Verification	4 th Jan.-7 th Jan. 2022	15 th May- 19 th May 2023
05	Viva Voce Examination External/Internal	20 th Jan.-23 rd Jan. 2023	22 nd May- 24 th May 2023
06	Submission of External/Internal Marks	24 th Jan.-27 th Jan. 2023	25 th May- 27 th May 2023
07	End Semester Exam (University Exam)	9 th Feb.-18 th Feb. 2023	3 rd June- 12 th June 2023
08	Result Publication	3 rd week of March	3 rd week of July

B.TECH 7 th SEMESTER			
S.No.	ACTIVITY	ODD	EVEN
01	Commencement of Class	10 th Sept. 2022	1 st Feb. 2023
02	1 st Mid Semester	17 th Oct.- 21 st Oct. 2022	6 th Mar.-10 th Mar 2023
03	2 nd Mid Semester	1 st Dec.-6 th Dec. 2022	10 th Apr.- 16 th Apr. 2023
04	Examination form fill-up & Verification	7 th Dec.-10 th Dec. 2022	2 nd May- 5 th May 2023
05	Viva Voce Examination External/Internal	14 th Dec.-17 th Dec. 2022	8 th May- 12 th May 2023
06	Submission of External/Internal Marks	19 th Dec.-22 nd Dec. 2022	13 th May- 16 th May 2023
07	End Semester Exam (University Exam)	16 th Jan.-25 th Jan. 2023	20 th May- 30 th May 2023
08	Result Publication	1 st week of March	2 nd week of June

D.PHARMA 2 nd & 3 rd YEAR		
S.No.	ACTIVITY	
01	Commencement of Class	8 th January 2022
03	Examination form fill-up & Verification	1 st Nov.-5 th Nov. 2022
04	Viva Voce Examination/Final Practical Exam	16 th Nov.-21 st Nov. 2022
05	Submission of External/Internal Marks	22 nd Nov.- 24 th Nov. 2022
06	Final Exam (University Exam)	28 th Nov.- 10 th Dec. 2022
07	Result Publication	3 rd week of January

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अभिषेक



DIRECTOR
GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

B.PHARMA 2 nd SEMESTER			
S.No.	ACTIVITY	EVEN	ODD
01	Commencement of Class	15 th Sept. 2022	18 th Dec. 2022
02	1 st Mid Semester	10 th Oct.- 16 th Oct. 2022	16 th Jan.-20 th Jan. 2023
03	2 nd Mid Semester	9 th Nov.-14 th Nov. 2022	20 th Feb.- 24 th Feb. 2023
04	Examination form fill-up & Verification	21 st Nov.-23 rd Nov. 2023	13 th Mar.- 16 th Mar. 2023
05	Viva Voce Examination External/Internal	25 th Nov.-27 th Nov.2023	20 th Mar.- 23 rd Mar. 2023
06	Submission of External/Internal Marks	1 st Dec.-3 rd Dec. 2023	27 th Mar.- 30 th Mar. 2023
07	End Semester Exam (University Exam)	8 th Dec.-16 th Dec. 2022	12 th Apr.- 22 nd Apr 2023
08	Result Publication	3 rd week of January	3 rd week of May

*Note- The Concerned Colleges are instructed to conduct the classes during the vacation also to complete the minimum teaching learning hours as per UGC/AICTE Norms.

B.PHARMA 4 th & 6 th SEMESTER			
S.No.	ACTIVITY	EVEN	ODD
01	Commencement of Class	1 st Nov. 2022	11 th Feb. 2023
02	1 st Mid Semester	5 th Dec.-9 th Dec. 2022	7 th Mar.-11 th Mar. 2023
03	2 nd Mid Semester	4 th Jan.-10 th Jan. 2023	3 rd Apr.- 7 th Apr. 2023
04	Examination form fill-up & Verification	16 th Jan.- 18 th Jan. 2023	17 th Apr.- 20 th Apr. 2023
05	Viva Voce Examination External/Internal	20 th Jan.-23 rd Jan. 2023	24 th Apr.- 27 th Apr. 2023
06	Submission of External/Internal Marks	27 th Jan.-30 th Jan. 2023	1 st May- 4 th May 2023
07	End Semester Exam (University Exam)	1 st Feb.-10 th Feb. 2023	20 th May- 28 th May 2023
08	Result Publication	3 rd week of March	1 st week of July

*Note- The Concerned Colleges are instructed to conduct the classes during the vacation also to complete the minimum teaching learning hours as per UGC/AICTE Norms.

M.TECH/MBA/MCA 2 nd & 4 th SEMESTER JUT, BIT, RVS, CIT, RANCHI			
S.No.	ACTIVITY	EVEN	ODD
01	Commencement of Class	1 Aug 2022	5 th Dec. 2022
02	1 st Mid Semester	12 th Sep.-16 th Sep. 2022	3 rd Jan.-8 th Jan. 2023
03	2 nd Mid Semester	11 th Oct.-15 th Oct. 2022	7 th Feb.-11 th Feb. 2023
04	Examination form fill-up & Verification	17 th Oct.-19 th Oct. 2022	20 th Feb.-25 th Feb.2023
05	Viva Voce Examination External/Internal	1 st Nov.-2 nd Nov. 2022	14 th Mar.-16 th Mar.2023
06	Submission of External/Internal Marks	9 th Nov.-11 th Nov. 2022	27 th Mar.- 29 th Mar. 2023
07	End Semester Exam (University Exam)	21 Nov.-30 th Nov. 2022	18 th Apr.- 29 th Apr. 2023
08	Result Publication	1 st Week Of Jan. 2023	3 rd week of May 2023

[Signature]

[Signature]

By order of the Vice-Chancellor,

Sd/-

Registrar

Jharkhand University of Technology,
Ranchi.

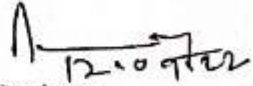


[Signature]
DIRECTOR
GGSESTC, Kandra, Chas.
Bokaro, Jharkhand-827013.

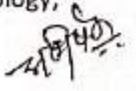
Memo No.: JUT-292/2019/1421
Copy to:

Ranchi; Date:- 12/09/2022

1. P.A./ P.S. to Principal Secretary to Hon'ble Governor-cum-Chancellor, Governor Secretariat, Ranchi, Jharkhand for kind information.
2. P.A./P.S. to Additional Chief Secretary, Dept. of Higher Technical Education, Govt. of Jharkhand, Yojana Bhawan, Nepal House, Doranda, Ranchi, Jharkhand for Kind Information.
3. Office of the Vice-Chancellor, Jharkhand University of Technology, Ranchi for kind information.
4. Examination Section, Jharkhand University of Technology, Ranchi for kind information & needful.
5. Directors/Principal's of all colleges/institutions affiliated to Jharkhand University of Technology, Ranchi for kind information & needful.
6. All officer's & staff's of the Jharkhand University of Technology, Ranchi for kind information.


Registrar

Jharkhand University of Technology,
Ranchi.





DIRECTOR
GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013



Jharkhand University of Technology, Ranchi
4th Semester B.Tech. Examination, 2023

Subject : Manufacturing Process-I

Subject Code : ME404

Time Allowed : 3 Hours

Full Marks : 70

Pass Marks : 21

*Candidates are required to give the answers in their own words
as far as practicable.*

*Question No. 1 is compulsory & answer any four questions from the rest.
All questions are of equal marks.*

1. Choose the correct options:

2×7=14

- (i) The metal patterns as compared to wooden patterns require less
 - (a) Shrinkage allowance
 - (b) Draft allowance
 - (c) Machining allowance
 - (d) Distortion allowance
- (ii) The purpose of riser is to
 - (a) deliver molten metal into the mold cavity.
 - (b) feed the molten metal to the casting in order to compensate for the shrinkage.
 - (c) deliver the molten metal from pouring basin to gate.
 - (d) None of the above
- (iii) In orthogonal cutting of metal
 - (a) the cutting edge of the tool is perpendicular to the direction of the tool travel.
 - (b) inclined at an angle less than 90° to the direction of the tool travel.
 - (c) the cutting edge is wider than the depth of cut.
 - (d) All of the above
- (iv) Crater wear occurs mainly on the
 - (a) nose part, front relief face and side relief face of the cutting tool.
 - (b) face of the cutting tool at a short distance from the cutting edge only.
 - (c) cutting edge only.
 - (d) front face only.
- (v) The operation of bending a sheet of metal along a curved axis, is known as
 - (a) Plunging
 - (b) Notching
 - (c) Slitting
 - (d) Forming

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- (vi) The operation of producing cup shaped parts from flat sheet metal blanks by bending and plastic flow of metal, is known as
- | | |
|-------------|----------------|
| (a) Drawing | (b) Squeezing |
| (c) Coining | (d) Planishing |
- (vii) For arc welding
- | |
|--|
| (a) alternating current with high frequency is used. |
| (b) alternating current with low frequency is used. |
| (c) direct current is used |
| (d) Any one of the above |
2. (a) How liquid and solid stage shrinkage is taken care of in the designing of sand casting?
 (b) Three metal pieces bending cast have the same volume, but different shapes: One is sphere, one is cube and the other is a cylinder with its height equal to its diameter. Which piece will solidify the fastest and which is the slowest? (Assume, $n = 2$) 7+7
3. (a) What is the plastic flow metal? How is the grain structure of the metal affected during rolling?
 (b) Differentiate between the hot working and cold working of the metal. 7+7
4. (a) How crater wear can be reduced on the rake face of the tool? Also, write the most significant factors influencing the crater wear.
 (b) Determine the maximum possible reduction for cold rolling a 12-inch thick slab, when $\mu=0.8$ and the roll diameter is 24 inches. What is the maximum reduction on the same mill for hot rolling, when $\mu=0.5$? 7+7
5. In an orthogonal cutting process, the cutting speed is 500 ft/min, $\alpha = 6^\circ$ and the width of the cut is 0.40 inch. The undeformed chip thickness is 0.008 inch. If 0.0294 lb of steel chips with a total length of 20 inches are obtained, what is the friction angle? If a toolpost dynamometer gives cutting and thrust forces of 250 lb and 100 lb respectively. Determine the percentage of the total energy that goes into overcoming friction at the tool-chip interface and the percentage that is required for cutting along the shear plane. (Given, the density of steel=0.283 lb/cm³). 14
6. (a) What is the Abrasive Jet Machining (AJM) process? Explain its principle of operation with a neat sketch.
 (b) Explain the principle of operation of Electrical Discharge Machining (EDM) process and list the main advantages and disadvantages of EDM. 7+7



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7. Write short notes on *any four* of the following:

3.5×4=14

- (a) Process of Brazing
 - (b) Process of soldering
 - (c) Welding defects
 - (d) LASER Beam Machining
 - (e) Water Jet Machining
 - (f) Casting defects
-




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4th Semester B.Tech. Examination, 2023

Subject : Electronics & Instrumentation Engineering

Subject Code : EC-404

Time Allowed : 3 Hours

Full Marks : 70

Candidates are required to give the answers in their own words as far as practicable.

Answer Five Questions in which Question No. 01 is Compulsory.

All questions carry equal marks.

1. Multiple choice questions:

2×7=14

(i) Which one is universal gate ?

(a) AND

(b) NAND

(c) Both (a) and (b)

(d) None of these

(ii) Which one is current controlled device?

(a) BJT

(b) JFET

(c) Both (a) and (b)

(d) none of these

(iii) Value of (A + 1) in digital electronics is

(a) A

(b) 1

(c) 0

(d) None of these

(iv) In full-wave bridge rectifier _____ diodes are used.

(a) 1

(b) 2

(c) 3

(d) 4

(v) Temperature sensitive device is

(a) Thermistor

(b) Resistor

(c) Inductor

(d) None of these

(vi) Which parameter will change in amplitude modulation?

(a) Frequency

(b) Amplitude

(c) Phase

(d) None of these

(vii) Which one is voltage regulator?

(a) PN junction

(b) LED

(c) Zener diode

(d) None of these

2. (a) Differentiate between active and passive components with examples.

(b) Describe intrinsic and extrinsic semiconductor with the help of energy band and Fermi level.

7+7

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3. (a) Describe the common emitter configuration of a BJT with its input and output characteristic. 7+7
(b) Explain V-I characteristic of a PN junction diode.
4. (a) What is RTD? How is it differ from thermistor? 7+7
(b) Discuss digital multimeter and digital energy meter with the help of diagram.
5. (a) What are universal gates? Realize the function, $f = AB + C$ using one of universal gate only. 7+7
(b) Solve using K-map:
(i) $f = \sum m(1, 3, 5, 7, 15)$
(ii) $f = \sum m(0, 1, 3, 4, 5, 7, 8, 9, 12, 13)$
6. (a) What are need of modulation? Discuss in brief about AM and FM. 7+7
(b) Explain the elements of communication system with help of proper diagram. 7+7
7. Write Short notes on *any two*: 7×2=14
(a) CRO
(b) Full subtractor
(c) Speed and position sensor
(d) Half-wave rectifier
-



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6th Semester B.Tech. Examination, 2023

Subject : Automobile Engineering

Subject Code : MEC-602

Time Allowed : 3 Hours

Full Marks : 70

Candidates are required to give their answer in their own words as far as practicable.

Answer any five Questions.

All questions are of equal value. Question No. 1 is compulsory.

2×7=14

1. Choose the correct alternative:

- (i) The self ignition temperature of Diesel as compared to Petrol is.
(a) Higher (b) Lower
(c) Same (d) Depend on fuel quality
- (ii) The firing order for an opposed four cylinder I.C. engine is
(a) 1-2-3-4 (b) 1-3-4-2
(c) 1-4-3-2 (d) 1-3-2-4
- (iii) In an engine, the temperature of the piston will be more at the
(a) Crown of the Piston (b) Skirt of Piston
(c) Piston Walls (d) Piston Rings
- (iv) The camshaft of a four stroke diesel engine running at 1000 rpm will run at
(a) 500 rpm (b) 1000 rpm
(c) 2000 rpm (d) 4000 rpm
- (v) The advantage of the fuel injection system over the carburettor system is
(a) improved fuel efficiency (b) improved emission
(c) improved power output (d) All of these
- (vi) The order in which effort applied to the steering wheel is transferred to the front wheel is
(a) steering wheel, steering gearbox, steering shaft, tie rod, steering knuckle, front wheels.
(b) steering wheel, steering shaft, steering gearbox, tie rod, steering knuckle, front wheels.
(c) steering wheel, steering shaft, steering gearbox, steering knuckle, tie rod, front wheels.
(d) steering wheel, tie rod, steering gearbox, steering shaft, steering knuckle, front wheels.

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- (vii) The function of anti-lock brake system (ABS) is that
- reduces the stopping distance.
 - minimizes the brake fade.
 - maintains directional control during braking by preventing the wheels from locking.
 - prevents nose dives during braking and thereby postpones locking of the wheels.
2. (a) Describe in details, with neat sketches the battery ignition system that uses contact breaker pts. 7+7
- (b) Describe the construction and working of starting motor used in vehicles with modern automobile engines.
3. (a) Explain, with suitable sketch the construction and working of a three way catalytic converter used in automobile exhaust system to control the emissions. 8+6
- (b) Why cooling of an engine is necessary? Explain briefly the pressurized water cooling and evaporative cooling of an engine.
4. (a) A single plate clutch, effective on both sides, is required to transmit 26 kW at 3000 rpm. Calculate the outer and inner radii of frictional surface if the coefficient of friction is 0.25, the ratio of radii is 1.30 and the maximum pressure is not to exceed 0.1 N/mm^2 . Also calculate the axial thrust to be provided by springs. Assume uniform rate of wear. 6+8
- (b) What do you mean by double de-clutching in constant mesh gear box? Explain the working of synchromesh gear box.
5. (a) Explain the Ackermann principle of steering. With the help of neat sketch discuss the steering system used in modern passenger car. 7+7
- (b) What is the need of differential gear in an automobile? Explain its working.
6. (a) What do you know about braking efficiency of an automobile? Derive the relation of weight transfer when brakes are applied to all the four wheels. 7+7
- (b) How does self-energized brake work? Compare the operations of drum and disc brake system. 7+7
7. Write short notes on any two of the following: 7×2=14
- Torque Converter
 - Power Brake
 - Multiplate Clutch
 - Alternative Fuel




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6th Semester B.Tech. Examination, 2023

Subject : Design of Transmission System

Subject Code : MEC-603

Time Allowed : 3 Hours

Full Marks : 70

Candidates are required to give their answer in their own words as far as practicable.

Answer any five Questions. Question 1 is compulsory.

Use of a machine design data book is permitted.

Use of a non-programmable calculator is permitted.

Use of log tables, slide rules etc. is NOT permitted

I. In the following multiple choice questions, there is only one correct answer. Please select the correct option only or the best one answer. 2×7=14

- (i) Creep in belt drive is due to
- (a) material of the belt.
 - (b) material of the pulley.
 - (c) uneven extensions and contractions due to varying tension.
 - (d) expansion of the belt.
- (ii) The variation in chain speed is due to
- (a) Chordal action
 - (b) Creep
 - (c) Slip
 - (d) Backlash
- (iii) The wear of chain results in the elongation of the chain. In other words, the pitch length is increased. This makes the chain to ride out on the sprocket teeth resulting in faulty chain sprocket engagement. This phenomenon is named as
- (a) Galling
 - (b) Back sliding
 - (c) Chordal rise
 - (d) None of these
- (iv) A 6 × 19 rope implies that there are
- (a) 6 wires in each strand and 19 strands in the rope.
 - (b) 6 strands and 19 wires in each strand.
 - (c) 6 large diameter wires and 19 small diameter wires.
 - (d) 19 large diameter wires and 6 small diameter wires.
- (v) Lewis equation in spur gears is used to find the
- (a) tensile stress in bending.
 - (b) shear stress.
 - (c) compressive stress in bending.
 - (d) fatigue stress.

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- (vi) Buckingham's equation of gear tooth is based on
- maximum crushing stress in gear tooth.
 - maximum bending stress in gear tooth.
 - maximum shear stress in gear tooth.
 - maximum contact stress in gear tooth.
- (vii) Select the correct statement(s) about worm drive.
- Tangential force on the worm = Axial force or thrust on the worm gear
 - Axial force or thrust on the worm = Tangential force on the worm gear
 - Radial or separating force on the worm = Radial or separating force on the worm gear
 - All of the above.
2. (a) Differentiate between the open and crossed belt drive, their advantages and disadvantages. 4
- (b) What are different materials used for belts in belt drives used in industry. 3
- (c) Design a V-belt drive to connect a 15 kW, 2880 r.p.m. normal torque A.C. motor to a centrifugal pump, running at approximately 2400 r.p.m., for a service of 18 hours per day. The center distance should be approximately 400 mm. Assume that the pitch diameter of the driving pulley is 125 mm. 7
3. Design a chain drive to connect a 5 kW, 1440 r.p.m. electric motor to a drilling machine. The speed reduction is 3:1. The center distance should be approximately 500 mm.
- Select a proper roller chain for the drive.
 - Determine the number of chain links and chain length.
 - Specify the correct center distance between the axes of the sprocket.
 - Specify the number of teeth on both the sprocket. $3.5 \times 4 = 14$
4. A pair of spur gear consisting of 20 teeth pinion meshing with a 120 teeth gear. The pitch circle diameter of pinion is 60 mm. Find: $1.4 \times 10 = 14$
- Module
 - Diametral pitch
 - Circular pitch
 - Center distance
 - Addendum
 - Dedendum
 - Tooth thickness
 - Bottom clearance
 - Gear ratio
 - Fillet radius
5. (a) What are the different standard systems of gear tooth with their advantages and disadvantages? 7
- (b) What are the desirable properties for the material used for manufacturing gear? 3
- (c) What are the main reasons for the failure of gear tooth?— Explain. 4



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6. (a) Describe the working of different types of mechanical brakes with the neat sketch. 7
(b) A solid cast iron disk, 0.80 m in diameter and 0.20 m thick, is used as a flywheel. It is rotating at an angular speed of 240 rpm. It is brought to rest in 2.0s by means of a brake. Calculate: 7
(i) The energy absorbed by the brake.
(ii) The torque capacity of the brake.
7. Write the short notes on *any two* of the following: 7×2=14
(a) Crossed Helical Gear
(b) Worm and Wheel Gear
(c) Fluid Coupling
(d) Hydraulic Torque Converter


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6th Semester B.Tech. Examination, 2023

Subject : Machine Tool Design

Subject Code : MEO-609

Time Allowed : 3 Hours

Full Marks : 70

Candidates are required to give their answer in their own words as far as practicable.

Answer any five questions. All Questions are Equal Value.

Question No. 1 is compulsory.

2×7=14

1. Choose the correct alternative:

- (i) Relief angles on high-speed steel tools usually vary from
(a) 0° to 3° (b) 3° to 10°
(c) 10° to 20° (d) 20° to 30°
- (ii) High speed steel cutting tools operate at cutting speeds _____ than carbon steel tools.
(a) 2 to 3 times lower (b) 2 to 3 times higher
(c) 5 to 8 times higher (d) 8 to 20 times higher
- (iii) In an oblique cutting system, the maximum chip thickness
(a) occurs at the middle. (b) may not occur at the middle.
(c) depends upon the material of the tool. (d) depends upon the geometry of the tool.
- (iv) The actual feed in centerless grinders is given by (where d = Dia. of regulating wheel, n = Revolutions per minute, and α = Angle of inclination of wheel)
(a) πd (b) $\pi d n$
(c) $\pi d n \sin \alpha$ (d) $\pi d n \cos \alpha$
- (v) Small nose radius
(a) increases tool life.
(b) decreases tool life.
(c) produces chipping and decreases tool life.
(d) results in excessive stress concentration and greater heat generation.
- (vi) A drill bit 20 mm diameter rotating at 500 r.p.m. with a feed rate of 0.2 mm/revolution is used to drill a through hole in a mild steel plate 20 mm thickness. The depth of cut in this drilling operation is
(a) 0.2 mm (b) 10 mm
(c) 20 mm (d) 100 mm

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(vii) Chemical milling operation is performed

- (a) 50 °C (b) 100 °C
(c) 175 °C (d) 275 °C

2. (a) How many types of Chips are formed in Metal cutting? What factors are responsible for the formation of these different types of chips?
(b) Explain the effect of cutting speed on Tool life. 10+4=14
3. (a) Calculate the amount of off-set of Tail stock for turning taper on full length of a job 12" long which is to have its two diameters as 2" and 1.5" ultimately.
(b) Explain the working of a Slotted disc mechanism for driving the Ram of a Slotter. 7×2=14
4. (a) Explain the Crank Slotted quick return mechanism in relevance to Shaper machine.
(b) Calculate the indexing required to cut 87 gear in a work piece by using compound indexing method. 7×2=14
5. (a) What is a "Twist drill"? Describe the construction and working of 'Radial Drilling Machine'.
(b) A hole of 20 mm dia. is to be drilled through a mild steel plate 16 mm thick. Calculate the r.p.m. of the drill spindle when the cutting speed is 26 meters per min. 9+5=14
6. (a) What do you understand from 'Grain', 'Grit', 'Structure' and 'Grade' of a grinding wheel? Explain.
(b) Describe and explain the working principle of a Plain internal grinder. 7×2=14
7. Write short notes on *any four*:
(a) Single Point cutting tool
(b) Taper turning
(c) Tapping
(d) Planer
(e) Reaming 3½×4=14



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Jharkhand University of Technology, Ranchi

6th Semester B.Tech. Examination, 2023

Subject : Machine Tool Design

Subject Code : PEC-601

Time Allowed : 3 Hours

Full Marks : 70

Candidates are required to give their answer in their own words as far as practicable.

Answer any five Questions. All questions are of equal value.

Question number 1 is compulsory.

1. Choose the correct alternative:

2×7=14

- (i) The parallel fillet welded joint is designed for
 - (a) Tensile Strength
 - (b) Compressive Strength
 - (c) Bending Strength
 - (d) Shear Strength
- (ii) The longitudinal joint in boilers is used to get the required
 - (a) Length of boiler
 - (b) Diameter of boiler
 - (c) Efficiency of boiler
 - (d) Length and diameter of boiler
- (iii) Economic cutting speed is minimum if geometric ratio is
 - (a) minimum
 - (b) maximum
 - (c) equal to economic cutting speed
 - (d) None of these
- (iv) A feed gear box for a screw cutting lathe is designed on the basis of
 - (a) Geometric progression
 - (b) Arithmetic progression
 - (c) Harmonic progression
 - (d) None of these
- (v) Jigs are not used in
 - (a) Milling
 - (b) Reaming
 - (c) Tapping
 - (d) Drilling
- (vi) In blanking operation the clearance provided
 - (a) on punch
 - (b) on die
 - (c) on both die and punch
 - (d) on any of punch and die depending on design
- (vii) Gear Hobbing machines are characterized by
 - (a) production rate
 - (b) accuracy of machine
 - (c) largest module it can machine
 - (d) maximum number of teeth it can machine

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2. (a) Design a double riveted butt joint with two cover plates for the longitudinal seam of a boiler shell 1.5 m in diameter subjected to a steam pressure of 0.95 N/mm^2 . Assume joint efficiency as 75%, allowable tensile stress in the plate 90 MPa; compressive stress 140 MPa; and shear stress in the rivet 56 MPa. 10+4
 (b) Enlist the different types of riveted joints and rivets. 10+4
3. (a) Design a helical spring for a spring loaded safety valve (Ramsbottom safety valve) for the following conditions : Diameter of valve seat = 65 mm; Operating pressure = 0.7 N/mm^2 ; Maximum pressure when the valve blows off freely = 0.75 N/mm^2 ; Maximum lift of the valve when the pressure rises from 0.7 to 0.75 N/mm^2 = 3.5 mm; Maximum allowable stress = 550 MPa; Modulus of rigidity = 84 kN/mm^2 ; Spring index = 6. Design the spring. 10+4
 (b) Describe different devices for Intermittent Motion Transfer. 10+4
4. (a) Draw the structural diagrams of a machine tool speed box for $n_{\min} = 16 \text{ rpm}$, $n_{\max} = 770 \text{ rpm}$, and $\phi = 1.26$. Sketch the possible speed charts for the layout selected if the motor runs at 1440 rpm and the input shaft has rpm 630. Assume data if required.
 (b) Which progression used in stepped regulation for machine tool drive is better? Justify your answer. 10+4
5. (a) Derive expression for Effect of machine tool compliance on machining accuracy.
 (b) What is the difference and applicability of jigs and fixtures? Illustrate 3-2-1 Principle of location for work piece in fixture. 7+7
6. (a) Explain about inspection principles of assembly and fixtures.
 (b) Discuss different source of vibration in machine tools and effects of vibration on machine performance. 6+8
7. Write short notes on any two of the following: 14
 - (a) Compound die and Combination die.
 - (b) V-Location Principle
 - (c) Strippers and Stock stop
 - (d) Two wire method of gear checking
 - (e) Hersi-Shtribek diagram

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Jharkhand University of Technology, Ranchi
6th Semester B.Tech. Examination, 2023

Subject : Operations Research

Subject Code : MEO-607

Time Allowed : 3 Hours

Full Marks : 70

Candidates are required to give the answers in their own words as far as practicable.

Answer any five questions.

All questions are of equal value.

Question No. 1 is Compulsory.

I. Choose the correct alternative:

2×7=14

- (i) For the linear programming problem: Minimize $z = 4x + 5y$, the co-ordinates of the corner points of the bounded feasible region are A (10, 10), B (20, 5), C (2, 17), D (16, 11) and E (17, 5). The minimum value of z is _____.
- (a) 80 (b) 90
(c) 93 (d) 104
- (ii) While solving a LP problem, infeasibility may be removed by _____.
- (a) adding another constraint (b) adding another variable
(c) removing a constraint (d) removing a variable
- (iii) A game is said to be fair if _____.
- (a) both upper and lower values of the game are same and zero
(b) upper and lower values of the game are not equal
(c) upper value is more than lower value of the game
(d) None of the above
- (iv) Customer behaviour in which the customer moves from one queue to another in a multiple channel situation is _____.
- (a) balking (b) reneging
(c) jockeying (d) alternating
- (v) We use sequencing techniques _____.
- (a) to increase working capacity of machines
(b) to decrease working capacity of machines
(c) to increase waiting time of jobs
(d) to reduce waiting time of machines

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- (vi) The incoming variable column in the Simplex method algorithm is called _____
- (a) Key column (b) Incoming column
(c) Variable column (d) Important column
- (vii) If the primal problem has a finite solution, then dual LP problem should have _____
- (a) Finite solution (b) Infeasible solution
(c) Unbounded solution (d) None of these

2. Solve the following LPP by Simplex Method:

14

$$\begin{aligned} \text{Maximize } Z &= 7x_1 + 14x_2 \\ \text{Subject to the constraints, } 3x_1 + 2x_2 &\leq 36 \\ x_1 + 4x_2 &\leq 10 \\ x_1, x_2 &\geq 0 \end{aligned}$$

3. Solve the following LPP by Big M Method:

14

$$\begin{aligned} \text{Maximize } Z &= 2x_1 + 3x_2 \\ \text{Subject to the constraints, } x_1 + x_2 &\geq 2 \\ x_1 + 2x_2 &\leq 8 \\ x_1, x_2 &\geq 0 \end{aligned}$$

4. Find the initial solution of the given Transportation problem by (a) NWCM and (b) Vogel's Approximation Method.

14

	A	B	C	D	Available
P	12	11	13	14	60
Q	13	14	12	10	80
R	12	10	12	11	100
Demand	60	40	80	60	

5. Determine the optimal sequence of the jobs using the following time matrix so as to minimize the total elapsed time.

14

Jobs → Machine	J ₁	J ₂	J ₃	J ₄	J ₅	J ₆	J ₇
A	3	8	7	4	9	8	7
B	4	3	2	5	1	4	3
C	6	7	5	11	5	6	12

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(3)

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6. (a) Explain pure strategy, mixed strategy and saddle point.
(b) Reduce the following game by dominances and find the value of the game.

6+8

		Player B			
		I	II	III	IV
Player A	I	3	2	4	0
	II	3	4	2	4
	III	4	2	4	0
	IV	0	4	0	8

7. Write short notes on any two of the following:

7×2=14

- (a) Degeneracy in transportation problem
(b) Hungarian method
(c) Queue discipline
(d) Bellman's Principle of optimality


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6th Semester B.Tech. Examination, 2023

Subject : Computer Aided Design

Subject Code : MEP-604

Time Allowed : 3 Hours

Full Marks : 70

Candidates are required to give their answers in their own words as far as practicable.

Attempt any five questions,

All questions carry equal marks.

Question No. 1 is compulsory.

1. Choose the correct alternative:

2×7=14

- (i) Which algorithm is a faster method for calculating pixel positions?
- (a) Bresenham's line algorithm (b) Parallel line algorithm
(c) Mid-point algorithm (d) DDA line algorithm
- (ii) Positive values for the rotation angle θ define
- (a) counterclockwise rotations about the end points.
(b) counterclockwise rotations about the pivot point.
(c) counterclockwise translation about the pivot point.
(d) negative direction
- (iii) In synthetic curves, second-order continuity yields
- (a) a position continuous curve. (b) a slope continuous curve.
(c) a curvature continuous curve. (d) None of these
- (iv) _____ can also serve as a means of geometric input for finite element analysis.
- (a) Surface model (b) Volume model
(c) Wireframe model (d) 2D drafting
- (v) For 3D modelling of automobile body styling, which of the following is a preferred technique?
- (a) Constructive Solid Geometry (b) Pure Primitive Instancing
(c) Boundary Representation (d) Spatial

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Jharkhand University of Technology, Ranchi

B.Tech 6th Semester Examination-2023

Subject: Principle of Metal Cutting
Time: 3 Hours

Subject Code: MF 3202
Full Marks: 70

Instructions:

01. Candidates are required to give answers in their own words as far as practicable.
02. Answer any five questions.
03. All questions are of equal value.
04. Assume any data not given.

1. What are the desirable properties of cutting tool materials? Explain the characteristics of different cutting tool materials. (14)
2. (a) Write the basic assumptions made by Lee and Shaffer to derive shear plane angle relationship. Derive the shear plane angle relationship based on Lee and Shaffer assumptions. Graphically compare the solutions of Merchant and Lee and Shaffer. Write the short comings of Lee and Shaffer relations. (8)
(b) Estimate the three components of the machining force during shaping of a mild steel block, using the following data: depth of cut = 2.5 mm, feed = 0.125 mm/stroke, normal rake angle of tool = 7° , side cutting edge angle = 20° , coefficient of friction between chip and tool = 0.8, and ultimate shear stress of work material = 450 N/mm². Use Lee's and Shaffer's relationship. (6)
3. (a) Derive the relationship of shear strain and rate of shear strain in orthogonal cutting. Taking an example compare the rate of strain in metal cutting with tensile test. (7)
(b) Determine the relationship of chip thickness and undeformed chip length in peripheral milling. (7)
4. (a) Explain the experimental tool-work thermocouple technique and embedded thermocouple technique to measure cutting tool temperature. Sketch the required figures and plot temperature contour on cutting tool. With figure explain how isotherms are related to crater wear. (8)
(b) Determine the temperature rise at the shear plane from the following experimental data in orthogonal cutting of mild steel of density 7.87 g/cm³ and specific heat of 0.44 J/gm, force component in the direction of cutting velocity = 1600 N, force component normal to the machined surface = 500 N, uncut chip thickness = 0.3 mm, width of cut = 5 mm, chip thickness ratio = 0.42, tool rake angle = 10° , and cutting velocity = 35 m/min. Assume 10% of the heat generated goes into the workpiece. (6)
5. (a) With the help of figure show the different shapes of chips as per ISO. Differentiate between acceptable chips and unacceptable chips. Why are chip breakers used in metal cutting? With figure explain the design of step type chip breaker. With the help of figure show the different types of chip breakers. (7)
(b) Explain the different type of tool wear mechanisms. Graphically show the relative contribution of different tool wear mechanism with change in cutting parameters. (7)

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- (vi) Which of the following is a file extension used for an assembly file in solid model?
- (a) .dxf (b) .dwg
(c) .prt (d) .asm
- (vii) Structuring and combining the primitives of the solid model in the graphics database, is achieved by the use of _____.
- (a) FEA (b) Transformations
(c) Boolean operations (d) None of these
2. (a) Using Bresenham's circle algorithm, find the coordinates for a circle having radius 10 and centre (4, 4)
(b) Explain Product Life cycle Management (PLM). Name two common software for PLM. 7+7
3. (a) A line having axis (2,2) and (5,5) is scaled by 2 units in X direction and 5 units in Y direction. Find the Matrix and final coordinate.
(b) List some Standards used in computer graphics. Explain PHIGS and IGES. 7+7
4. (a) With the help of a Mathematical equation, explain Hermite Curve.
(b) Find the values of all the coordinate points for the Bezier curve having control points (1,1), (2,3), (4,3), (6,4). 7+7
5. (a) Enlist the various Solid Modeling Techniques. Explain B-rep and CSG.
(b) Name various Geometric Transformations. Explain Reflection. 7+7
6. (a) Name the Hidden surface removal algorithms. Explain Z-buffering.
(b) Write short notes on: 7+7
(i) Blobby Objects
(ii) Ruled Surface
7. (a) For what purpose Boolean operations are used in CAD? Name Common assembly command with their application.
(b) Describe shaft and hole basis system. 7+7

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Jharkhand University of Technology, Ranchi

B.Tech 6th Semester Examination-2023

Subject: Internal Combustion Engines
Time: 3 Hours

Subject Code: MF 3241
Full Marks: 70

Instructions:

01. Candidates are required to give answers in their own words as far as practicable.
02. Answer any five questions.
03. All questions are of equal value.
04. Assume any data not given.

Q1. Enumerate the differences between the ideal and actual valve timing diagram of a 4-stroke SI engine? (6)

- (b) Compare the efficiency of Otto, diesel and dual cycle when
i. The compression ratio and the heat input are same.
ii. The peak pressure and temperature are the same. (8)

Q2. (a) What do you mean by combustion? List and explain the stages of combustion in SI engines. Discuss the requirements of a good combustion chamber for SI engines. (8)

(b) Describe the working of a magneto-ignition system. (6)

Q3. (a) Explain the effects of following variables on knock in a diesel engine i. compression ratio, ii. Fuel properties iii. Turbulence and IV. Load on the engine. (8)

(b) Discuss the important qualities of a SI and CI engine fuels. (6)

Q4. (a) Compare the merits and demerits of air-cooling and water-cooling system. Describe with sketch the construction and working of a thermostat. (8)

(b) Describe a typical mist lubrication system used in a 2-stroke engine. (6)

Q5. (a) Describe Morse test for measuring the friction power of an IC engine. What are its limitations? (8)

(b) Explain with the help of curves, the effect of speed on IP, BP and FP. (6)

Q6. A 4 stroke, six cylinder gasoline engine has a bore of 80 mm and stroke of 100 mm. During a test, it develops torque of 75 N-M when running at 3000 rpm. If the clearance volume of each cylinder is 60 cc and relative efficiency with respect to brake thermal efficiency is 0.55, the heating value of fuel is 40 MJ/kg, determine the bsfc and bmep. (14)

Q7. A single cylinder four stroke SI engine is fitted with a rope brake dynamometer. The diameter of the brake wheel is 600 mm and the rope diameter is 25 mm. The dead load on the brake is 50 kg and spring balance reading is 4 kg. If the engine runs at 500 rpm, estimate the brake power of the engine. (14)

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Jharkhand University of Technology, Ranchi
B.Tech. 6th Sem semester Examination 2023

Subject: Manufacturing Process-III
Time: 3 hours

Subject Code: PE 602
Full Marks: 70

Instructions:

01. Candidates are required to give the answer in their own words as far as possible.
02. Answer any five questions, in which Q. No. -01 is compulsory.
03. All questions are equal value.

1. Choose the correct alternative
i. Hot rolling of mild steel is carried out

Marks
2x7=14

- (a) At re-crystallization temperature
- (b) Between 100°C to 150°C
- (c) Between re-crystallization temperature
- (d) Above re-crystallization temperature

- ii. Match the following

Product	Process
P. Molded luggage	1. Injection molding
Q. Packaging containers for Liquid	2. Hot rolling
R. Long structural shapes	3. Impact extrusion
S. Collapsible tubes	4. Transfer molding
	5. Blow molding
	6. Coining

- (a) P-1, Q-4, R-6, S-3
- (b) P-4, Q-5, R-2, S-3
- (c) P-1, Q-5, R-3, S-2
- (d) P-5, Q-1, R-2, S-4

- iii. The operation in which oil is permeated into the pores of a powder metallurgy product is known as _____.

- (a) Mixing
- (b) Sintering
- (c) Impregnation
- (d) Infiltration

- iv. In a single pass rolling process using 410 mm diameter steel rollers, a strip of width 140 mm and thickness 8 mm undergoes 10% reduction of thickness. The angle of bite in radians is

- (a) 0.006
- (b) 0.031
- (c) 0.062
- (d) 0.600

- v. Friction at the tool-chip interface can be reduced by


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- (a) Decreasing the rake angle
 (b) Increasing the depth of cut
 (c) Decreasing the cutting speed
 (d) Increasing the cutting speed
- vi. Most of the metal cutting heat goes into the
 (a) Moving chip
 (b) Cutting tool
 (c) Work material
 (d) Machine tool
- vii. An inclination angle of a turning tool is measured on its
 (a) reference plane
 (b) cutting plane
 (c) orthogonal plane
 (d) normal plane
- 2 (a) Derive the expression of various types of velocity associated with machining a work material in an orthogonal machining using a single point cutting tool. Use necessary abbreviations. 4
- (b) In a pure orthogonal machining, 2.5 mm wide chip is obtained at a speed of 0.5 m/s and feed of 0.26 mm/revolution with a H.S.S. tool having a 20° rake angle. The chip thickness ratio is found to be 0.58, the cutting force is 1400 N and the feed thrust force is 360 N. 10
- Use Merchant theory to calculate the following:
 (i) Shear plane angle.
 (ii) Co-efficient of friction on the face of the tool.
 (iii) Shearing force
 (iv) Specific energy
- 3 (a) Describe the method of 'Grain Flow' in the case of forged or rolled components. 7
- (b) Write down the application of Punching and blanking in the manufacturing application. 7
- 4 (a) Differentiate between hot working and cold working in metal forming. 4
- (b) A 400 mm-thick slab is to be cold rolled. The roll diameter is 800 mm and the coefficient of friction is 0.08. Determine the maximum possible reduction. 5
- (c) For an orthogonal cutting operation, tool material is HSS, rake angle is 22° , the chip thickness is 0.8 mm, speed is 48 m/min and feed is 0.4 mm/rev. Estimate the value shear plane angle (in degrees). 5
- 5 (a) Briefly explain the powder metallurgy process with a block diagram. 7


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- (b) List out the mechanism of cutting tool wear with brief description in each case. 7
- 6(a) Two cutting tools with tool life equations given below are being compared: 7
Tool 1: $VT^{0.1} = 150$
Tool 2: $VT^{0.3} = 300$
Where, V is cutting speed in m/minute and T is tool life in minutes. The breakeven cutting speed (in m/min) beyond which Tool 2 will have a higher tool life.
- (b) A block of length 200 mm is machined by a slab milling cutter 34 mm in diameter. The depth of cut and table feed is set at 2 mm and 18mm/minute, respectively. Considering the approach and the overtravel of the cutter to be the same, Calculate the minimum estimated machining time per pass (in minutes). 7
7. Write short notes on any four of the following: 3.5x4=14
- Role of microstructure in machinability of work material.
 - Stretch Forming
 - BUE
 - Drop forging
 - Forming defects
 - Taylor's tool life

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Jharkhand University of Technology, Ranchi

6th Semester B.Tech. Examination, 2023

Subject : Solid Mechanics

Subject Code : MEC-601

Time Allowed : 3 Hours

Full Marks : 70

Candidates are required to give their answers in their own words as far as practicable.

The figures in the right hand margin indicate full marks.

Answer any five questions. Question No. 1 is compulsory.

1. Choose the correct alternative:

2×7=14

- (i) If the state of stress at a point is given by $\sigma_x = 4, \sigma_y = 6, \sigma_z = 8, \tau_{xy} = 1, \tau_{yz} = 0$ and $\tau_{xz} = 2$ MPa, then value of I_3 will be
 (a) 18 (b) 99
 (c) 150 (d) 160
- (ii) In a tension test on universal testing machine, the yield stress is found to be σ_0 , the octahedral shear stress at the time of yielding will be
 (a) $\frac{1}{\sqrt{2}} \sigma_0$ (b) $\frac{2}{3} \sigma_0$
 (c) $\sqrt{2} \sigma_0$ (d) $\frac{\sqrt{2}}{3} \sigma_0$
- (iii) In a reinforced concrete beam, shear stress is 7 kg/cm^2 and compressive stress is one kg/cm^2 . The intensity of diagonal tension will be
 (a) 5.5 (b) 6.516
 (c) 4.516 (d) 1.516
- (iv) In a flat plate a state of plane stress exists. If $\sigma_x = 1400 \text{ kg/cm}^2, \tau_{xy} = 400 \text{ kg/cm}^2$ and $\epsilon_z = -3.6 \times 10^{-4}$, the value of σ_y will be
 (a) 1400 kg/cm^2 (b) 1480 kg/cm^2
 (c) 1842 kg/cm^2 (d) 1038 kg/cm^2
- (v) A pipe of 400 mm internal diameter and 100 mm thickness contains a fluid at a pressure of 80 MPa. At $r = 200$ mm, radial pressure will be
 (a) 40 MPa (b) 208 MPa
 (c) 128 MPa (d) 80 MPa

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- (vi) If $\nu = 0.25$, then G/E is
- (a) 0.2 (b) 0.3
(c) 0.4 (d) 0.5
- (vii) If the displacement field is given by $u = x^2 + y^2, v = 3 + z, w = x^2 + 2y$, then at point (2, 3, 1) the value of γ_{xy} will be
- (a) 4 (b) 6
(c) 2 (d) 1
2. The stress at a point with reference to $X = (x, y, z)$ are given as $\sigma_x = 0, \sigma_y = 50, \sigma_z = 60, \tau_{xy} = 20 \text{ MPa}, \tau_{yz} = 0, \tau_{xz} = 30 \text{ MPa}$.
- (a) Find the stress tensor for a set of co-ordinate axes $X' = (x', y', z')$ rotated 30° about the x-axis anticlockwise.
(b) Find the invariant of stress tensor in both the reference axes and compare them.
(c) Transform the stress from reference axes (x', y', z') to (x, y, z) .
(d) Find the hydrostatic and deviatoric stress tensor in both cases. 14
3. (a) With an illustration derive the Cauchy's stress equation for component of traction along x, y and z direction. Also write down general equation in the form of free and dummy index.
(b) At a point in a stress materials the cartesian components are $\sigma_x = 10 \text{ MPa}, \sigma_y = 0 \text{ MPa}, \sigma_z = 11 \text{ MPa}, \tau_{xy} = 4 \text{ MPa}, \tau_{yz} = -5 \text{ MPa}, \tau_{zx} = -15 \text{ MPa}$. Determine
- (i) the traction vector;
(ii) the component of traction vector, which is normal to the plane; and
(iii) the shearing component of the traction vector on a plane whose normal makes equal acute angle with the co-ordinate axes. 6+8
4. (a) Write down all the strain displacement relation in Cartesian coordinate system.
(b) Displacement field is given as $u = (x^2 + y^2), v = (3 + zy), w = (x^2 + 2xy + z^2)$.
- (i) What is the deformed position of a point P initially at (1, 2, -3)?
(ii) If the two points in the undeformed geometry are originally at (0, 0, 1) and (0, 0, 2), find the distance between these points in the deformed configuration.
(iii) Calculate the small strain tensor (linear term) at point (1, 3, -4).
(iv) Calculate the rotation tensor ω at the point (1, 3, -4). 2+12
5. (a) Explain Generalized Hook's law. Derive the generalized Lamé's equation in the form of μ and λ .
(b) The state of strain at a point is given by $\epsilon_{xx} = 0.001, \epsilon_{yy} = 0.003, \epsilon_{zz} = \gamma_{xy} = 0, \gamma_{yz} = 0.001, \gamma_{xz} = -0.004$. Determine the stress tensor at this point. Also compute Lamé's constant. Take $E = 210 \text{ GPa}$ and $\nu = 0.30$. 6+8


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6. (a) Starting from first principles, derive the expressions for circumferential and radial stress developed in a disc of uniform thickness and having a central hole.
(b) A disc of uniform thickness is 800 mm in diameter and has a pin-hole at the centre. Determine the maximum hoop stress in the disc when it rotates at 3000 r.p.m. density of disc material is 7800 kg/m^3 and Poisson's ratio is 0.304. 7+7
7. Write short notes on the following. 7×2=14
(a) Principle of superposition and uniqueness theorem
(b) Idealized stress strain behavior for elastic-perfectly plastic material, perfectly plastic material and linearly strain hardening material


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Jharkhand University of Technology, Ranchi
6th Semester B.Tech. Examination, 2023

Subject : Mechatronic Systems

Subject Code : MEP-605

Time Allowed : 3 Hours

Full Marks : 70

Pass Marks : 21

Candidates are required to give their answer in their own words as far as practicable.

Answer five questions in which Question No. 1 is compulsory.

All questions carry equal marks.

1. Choose the correct answer as applicable (MCQ Types):

2×7=14

- (i) A servomotor is a typical example of _____.
- (a) Electronics system (b) Mechanical system
(c) Computer system (d) Mechatronics system
- (ii) Which of the following is the input to a controller?
- (a) Servo signal (b) Desired variable value
(c) Error signal (d) Sensed signal
- (iii) What type of energy conversion does a piezoelectric transducer perform?
- (a) Mechanical to sound energy (b) Sound to mechanical energy
(c) Mechanical to electrical energy (d) Electrical to mechanical energy
- (iv) What are the applications of PLC in mechatronics?
- (a) Timing, counting, logic, arithmetic and sequencing
(b) Storing data
(c) Managing, commanding and directing
(d) Processing
- (v) MEM stands for _____.
- (a) Macro electro magnetism (b) Macro electro mechanism
(c) Micro electro mechanism (d) Micro electro magnetism

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- (vi) The main function is actuator is _____.
- (a) to detect input (b) to detect output
(c) to produce motion (d) None of these
- (vii) Which is not the example of mechatronic systems.
- (a) Robotics in manufacturing (b) Machine diagnostics
(c) Autonomous vehicles (d) Fuel control using governor
2. (a) Define the term 'Mechatronics' and its various advantages and disadvantages.
(b) Enumerate the various stages involved in the design of a mechatronic system. 7+7=14
3. (a) Explain the different static and dynamic characteristics of sensor.
(b) Explain the construction and working principle of shaft encoders with neat sketch. 7+7=14
4. (a) What is an actuator? List the various types of actuator.
(b) Explain the DC servomotor to control the position with neat sketch. 7+7=14
5. (a) What is an embedded system? Explain its different components.
(b) What is the difference between a microcontroller and a microprocessor? 7+7=14
6. (a) Enlist the different smart materials. Explain any one of the smart materials in detail.
(b) What is difference between active and passive vibration isolation? 7+7=14
7. Write short notes on any two of the following: 7x2=14
- (a) Man and Machine Interface
(b) Open and closed loop control system
(c) Machine Diagnostics
(d) Programmable Logic Devices

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Jharkhand University of Technology, Ranchi

6th Semester B.Tech. Examination, 2023

Subject : Industrial Automation and Robotics

Subject Code : PEO-611

Time Allowed : 3 Hours

Full Marks : 70

Candidates are required to give their answers in their own words as far as practicable. Answer any five Questions. All questions are of equal value. Question number 1 is compulsory

1. Choose the correct alternative:

2×7=14

- (i) Technology that is concerned with the use of mechanical, electronic and computer based systems in the operation and control of production —
 - (a) Mechanization
 - (b) Automation
 - (c) Industrialization
 - (d) All of these
- (ii) The Robot designed with cylindrical coordinate systems has
 - (a) three linear movements.
 - (b) three rotational movements.
 - (c) two linear and one rotational movement.
 - (d) two rotational and one linear movement.
- (iii) The power source that drives the manipulator can be
 - (a) Hydraulic
 - (b) Electric
 - (c) Pneumatic
 - (d) All of these
- (iv) Flexible Manufacturing Systems (FMS) are reported to have a number of benefits. Which is NOT a reported benefit of FMS?
 - (a) Increased quality
 - (b) Increased utilization
 - (c) Lead time and throughput time reduction
 - (d) More flexible than the manufacturing systems they replace
- (v) Based on finger movement, Mechanical gripper can be classified as
 - (a) Linear or Translational movement
 - (b) Pivoting movement
 - (c) (a) & (b)
 - (d) None of these
- (vi) Motors used for electronic actuator drives —
 - (a) AC servo motors
 - (b) DC servo motors
 - (c) Stepper motors
 - (d) All of these

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- (vii) Proximity sensing is most closely akin to
 (a) Direction measurement (b) Epipolar navigation
 (c) Distance measurement (d) Machine vision
2. (a) Define Automation. Discuss the laws and principles of Automation. Discuss the elements of Automation.
 (b) Differentiate between hydraulics and pneumatics devices used in automation. What are the advantages of hydraulics over pneumatics? 7+7
3. (a) Explain the various elements of the parts delivery system used in automation with help of suitable example.
 (b) Explain the construction and working of mechanical feeder. 7+7
4. (a) Derive forward & inverse kinematics equations of manipulator for a particular position.
 (b) Explain the various drive system used with an industrial robot and compare their features, merits and demerits. 7+7
5. (a) Discuss about Vacuum Grippers along with their advantages and disadvantages.
 (b) Discuss in detail the architecture of robot system.
 (c) Compare pneumatic drive robots with stepper motor drive robots. 6+3+5
6. (a) Explain the manual lead through programming in robot application.
 (b) Explain with neat diagram, proximity and range sensor used in the robot. 7+7
7. Write short notes on the following: 14
 (a) Artificial Intelligence
 (b) Group Technology
 (c) Flexible manufacturing systems
 (d) Torque Sensor



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Jharkhand University of Technology, Ranchi

4th Semester B.Tech. Examination, 2023

Subject : Theory of Machine

Subject Code : MT-401

Time Allowed : 3 Hours

Full Marks : 70

Candidates are required to give the answers in their own words as far as practicable.

Answer five questions in which Question No. 1 is compulsory
and answer any four from rest of the questions.

All questions carry equal marks.

I. Choose the correct alternative:

2x7=14

- (i) The rotary internal combustion engine is the inversion of _____
(a) Four bar link chain (b) Double slider crank chain
(c) Single slider crank mechanism (d) Rocker crank mechanism
- (ii) The gear train usually employed in clocks is
(a) Reverted gear train (b) Simple gear train
(c) Sun and planet gear train (d) Differential gear train
- (iii) A circular object of radius 'r' rolls without slipping on a horizontal level floor with the center having velocity V. The velocity at the point of contact between the object and floor is
(a) Zero
(b) V in the direction of motion
(c) V opposite to the direction of motion
(d) V vertically upward from the floor
- (iv) Undercut of a gear tooth can be avoided by
(a) decreasing the pressure angle (b) improving the heat treatment
(c) using smaller rake angle for the cutter (d) None of these
- (v) Which of the following displacement diagram is chosen for better dynamic performance of a cam follower mechanism?
(a) Simple Harmonic Motion (b) Parabolic Motion
(c) Cycloidal Motion (d) Hyperbolic Motion
- (vi) Which one of the follower is widely used and has a cylindrical roller free to rotate about a pin joint?
(a) Knife-edge follower (b) Roller follower
(c) Mushroom follower (d) All of these

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(vii) In a pulley and belt drive if m is mass of belt per unit length, the velocity of belt for maximum power transmission is equal to

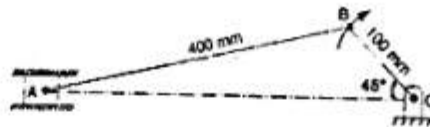
(a) $\sqrt{\frac{T}{m}}$

(b) $\sqrt{\frac{T}{3m}}$

(c) $\sqrt{\frac{2T}{m}}$

(d) $\sqrt{\frac{T}{8m}}$

2. (a) Define mechanical advantage and transmission angle of a mechanism. How are the Whitworth quick-return mechanism and Crank and slotted-lever mechanism different from each other?
- (b) The length of the fixed link of a crank and slotted-lever mechanism is 250 mm and that of the crank is 100 mm. Determine the (i) inclination of the slotted lever with the vertical in the extreme position, (ii) ratio of the time of cutting stroke to the time of return stroke, and (iii) length of the stroke, if the length of the slotted lever is 450 mm and the line of stroke passes through the extreme position of the free end of the lever. 7×2=14
3. (a) Draw the displacement, velocity and acceleration diagrams for a follower when it moves with simple harmonic motion. Derive the expression for velocity and acceleration during outstroke and return stroke of the follower.
- (b) Locate all the instantaneous centres of the slider mechanism as shown in figure. The length of crank OB and connecting rod AB are 100 mm and 400 mm respectively. If the crank rotates clockwise with an angular velocity of 10 rad/s, find: (i) velocity of the slider A, and (ii) angular velocity of the connecting rod AB. 7+7=14



4. (a) What are straight line mechanisms? Describe one type of exact straight line motion mechanism with the help of a sketch. 6
- (b) A crank-rocker mechanism has a 70 mm fixed link, a 20 mm crank, a 50 mm coupler, and a 70 mm rocker. Draw the mechanism and determine the maximum and minimum values of the transmission angle. Locate the two toggle positions and find the corresponding crank angles and the transmission angles. 8

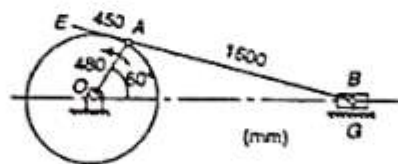
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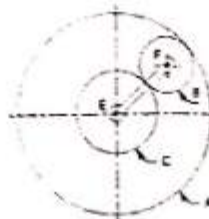


5. The configuration of a slider-crank mechanism shown in figure, all dimensions are in mm. OA rotates at 20 rad/s counter-clockwise. Calculate the (i) acceleration of the slider at B, (ii) acceleration of the point E, and (iii) angular acceleration of the link AB.

14



6. (a) Deduce expressions for the exact and approximate lengths of belt in an open-belt drive. 7×2=14
- (b) An epicyclic gear consists of three gears A, B and C. The gear A has 72 internal teeth and gear C has 32 external teeth. The gear B meshes with both A and C and is carried on an arm EF which rotates about the centre of A at 18 r.p.m. If the gear A is fixed, determine the speed of gears B and C.



7. Write short notes on any two:
- Universal joint
 - Cycloidal motion of the follower
 - Epicyclic gear train
 - Friction clutches

7×2=14


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Time:1:30 hrs.

Instruction: Candidates are required to answer any five questions.

1. Multiple Choice question

- (i) The additional cost incurred for the production of one more unit of a product or service is called _____.
- (a) Fixed cost (b) Variable cost (c) Marginal cost (d) Average cost
- (ii) The sunk costs may include
- (a) A past expenditure that is currently irrelevant (b) An unrecoverable balance
- (c) An invested capital that cannot be retrieved (d) All of these
- (iii) Where is the headquarters of the WTO located?
- (a) Austria (b) Geneva
- (c) New York (d) Washington DC
- (iv) Which of the following statements highlights one of the essential conditions of perfect competition market?
- (a) A perfect competition has a number of sellers and a few buyers
(b) A perfect competition has different levels of pricing for identical products at a particular point of time
(c) A perfect competition has the same pricing for identical products at a particular point of time
(d) None of the above
2. What is Cost ? Characterize the seven (7) type of costs and define them separately.
3. What does Market Structure Mean? What are the different types of market structure and discuss them.
4. A. What do you understand by Business Cycle? Define each term with a flow chart.
5. What do you mean by LPG Reforms in India?
What are their Significance & Effects describe.
6. Describe the Functions of the World Trade Organization (WTO).

What are Intellectual Property Rights? What is Inflation?

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**GURU GOBIND SINGH EDUCATIONAL SOCIETY'S
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MID-SEMESTER EXAMINATION-II (2023)

Branch (Semester): ME (4TH)

Full Marks: 20

Subject (Code) : APPLIED THERMODYNAMICS (ME 403)

Time: 1:30hrs.

Instruction: Candidates are required to answer any four questions.

1. How will you improve the efficiency or work output of Brayton cycle? explain in short.
2. A steam power plant works between pressure of 40 bar & 0.05 bar. If the steam supplied is dry saturated & the cycle of operation is Rankine cycle. Evaluate – (a)- efficiency. (b) specific steam consumption.
3. What are the selection criteria of a good refrigerant?
4. What are the effects of regeneration and reheating in Rankine cycle? Discuss in brief.
5. Convert the given refrigerant into their chemical compositions-
(a)- R 12 (b)-R 717 (c)- R1150
6. Choose the correct option from the following questions.
 - a) Which refrigerant is newly introduced to replace R22 in AC.
1. R-410C 2. R-510D 3. R-507C 4. R-32
 - b) The leakage in refrigeration system uses CFC as refrigerant is done by-
1. Acetylene torch
2. Sulphur sticks
3. Soap water
4. Halide torch
 - c) High efficiency during regeneration process in Rankine cycle is because of-
1. Heat is added before steam is enters the low-pressure turbine.
2. The average temperature of heat addition in boiler increases.
3. Total work delivered by turbine increases.
4. The pressure inside the boiler increases.
 - d) For a given set of operating pressure limit of a Rankine cycle the highest efficiency occurs for
1- Saturated cycle
2- Superheated cycle
3- Reheat cycle
4- Regenerative cycle

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**GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL
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MID SEMESTER EXAM-II (2023)

Branch(Semester): Mechanical Engineering (6th semester)
Subject:(Code) - Automobile Engineering (ME 6122)

Full Marks:20
Time:90 minutes

Instruction: Candidates are required to answer any four questions in which Q.no 1 is compulsory. All question carry equal marks.

1. Choose the correct answer:

- (i) In which of the gearbox all gears are always in contact?
 - (a) Constant mesh gearbox.
 - (b) Sliding mesh gearbox.
 - (c) Synchromesh gearbox.
 - (d) Epicyclic gearbox.
- (ii) Which of the following is not a part of Automatic Transmission?
 - (a) Epicyclic gearbox.
 - (b) Torque Converter.
 - (c) Multi-plate Clutch.
 - (d) Sliding mesh gearbox.
- (iii) If the front of the front wheel is inside and rear of front wheels are apart when the vehicle is at rest, then the configuration is called?
 - (a) Toe-in
 - (b) Toe-out
 - (c) Positive Camber
 - (d) Positive Castor
- (iv) When brakes are applied on a moving vehicle; the kinetic energy is converted to?
 - (a) Mechanical energy
 - (b) Heat energy
 - (c) Electrical energy
 - (d) Potential energy
- (v) Leaf springs absorb shocks by?
 - (a) Bending
 - (b) Twisting
 - (c) Compression
 - (d) Tension.

- 2. Describe briefly with a neat sketch the Construction and working of a single plate clutch?
- 3. Describe briefly shoe and drum type mechanical brakes with the help of diagram?
- 4. What is Ackermann steering gear mechanism? Explain it in detail.
- 5. Describe the MacPherson strut assembly of independent suspension system?
- 6. Explain the working principle of Battery ignition system with a neat sketch?


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MID SEMESTER EXAMINATION -II (2023)

Branch (Semester) : M.E.(6th Sem)

Full Marks :20

Subject (Code): Design of Transmission System/MEC603

Time: 1:30Hrs

Instruction: Candidates are required to answer Four questions, Question no-1 is compulsoryDesign data Hand Book is allowed:**I. I. The size of gear is usually specified by**

- (a) Pressure angle (b) Pitch circle diameter (c) Circular pitch (d) Diametric pitch

II. Lewis equation in spur gears is applied

- (a) Only to the pinion (b) only to the gear
 (c) To stronger of the pinion or gear (d) to weaker of the pinion or gear

III. Lewis equation in spur gears is used to find the

- (a) Tensile stress in bending (b) shear stress
 (c) Compressive stress in bending (d) fatigue stress

IV. In case of a multiple disc clutch, if n_1 are the number of discs on the driving shaft and n_2 are the number of the discs on the driven shaft, then the number of pairs of contact surfaces will be

- (a) $n_1 + n_2$ (b) $n_1 + n_2 - 1$ (c) $n_1 + n_2 + 1$ (d) none of these

V. A jaw clutch is essentially a

- (a) Positive action clutch (b) cone clutch (c) Friction clutch (d) disc clutch

2. A pair of straight teeth spur gears is to transmit 20 kW when the pinion rotates at 300 r.p.m. The velocity ratio is 1 : 3. The allowable static stresses for the pinion and gear materials are 120 MPa and 100 MPa respectively.

The pinion has 15 teeth and its face width is 14 times the module. Determine: 1. module; 2. face width; and 3. pitch circle diameters of the pinion and the gear from the standpoint of strength only, taking into consideration the effect of the dynamic loading.

The tooth form factor y can be taken as

$$y = 0.154 - \frac{0.912}{\text{No. of teeth}}$$

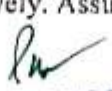
3. A pair of helical gears are to transmit 15 kW. The teeth are 20° stub in diametral plane and have a helix angle of 45° . The pinion runs at 10 000 r.p.m. and has 80 mm pitch diameter. The gear has 320 mm pitch diameter. If the gears are made of cast steel having allowable static strength of 100 MPa; determine a suitable module and face width from static strength considerations and check the gears for wear, given $\sigma_{es} = 618$ MPa.

4. A pair of cast iron bevel gears connect two shafts at right angles. The pitch diameters of the pinion and gear are 80 mm and 100 mm respectively. The tooth profiles of the gears are of $14\frac{1}{2}^\circ$ composite form. The allowable static stress for both the gears is 55 MPa. If the pinion transmits 2.75 kW at 1100 r.p.m., find the module and number of teeth on each gear from the standpoint of strength and check the design from the standpoint of wear. Take surface endurance limit as 630 MPa and modulus of elasticity for cast iron as 84 kN/mm².

5. A plate clutch having a single driving plate with contact surfaces on each side is required to transmit 110 kW at 1250 r.p.m. The outer diameter of the contact surfaces is to be 300 mm. The coefficient of friction is 0.4.

- (a) Assuming a uniform pressure of 0.17 N/mm²; determine the inner diameter of the friction surfaces.
 (b) Assuming the same dimensions and the same total axial thrust; determine the maximum torque that can be transmitted and the maximum intensity of pressure when uniform wear conditions have been reached.

06. A multiple disc clutch has five plates having four pairs of active friction surfaces. If the intensity of pressure is not to exceed 0.127 N/mm², find the power transmitted at 500 r.p.m. The outer and inner radii of friction surfaces are 125 mm and 75 mm respectively. Assume uniform wear and take coefficient of friction = 0.3.


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B TECH MECHANICAL 6TH SEM SOLID MECHANICS
GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS, BOKARO
MID SEMESTER EXAMINATION-II (2023)

Branch (Semester): Mechanical Engineering (6th semester)
Subject (Code): Solid Mechanics (MEC-601)

Full marks: 20
Time: 90 minutes

Answer any five questions (5 X 4)

1. Multiple choice questions:

i) In a thick cylinder under internal fluid pressure, out of three stresses, maximum stress is
a. radial stress b. circumferential stress c. longitudinal stress d. None

ii) Hooke's law is applicable within

a. elastic limit b. plastic limit c. fracture point d. ultimate strength

iii) The principal stresses at a point are 50, 50 and -100 kgf/cm². Octahedral shear stress at this point is a) 149 b) 70.71 c) 141.8 d) 72.6

iv) The neutral axis of the cross section of a beam is that axis at which bending stress is
a. zero b. minimum c. maximum d. infinity

2. A thick-walled pipe of 250 mm internal diameter and 75 mm thickness carries a fluid at an internal pressure 15 MPa. Calculate the maximum and minimum intensities of circumferential stresses and radial stresses across the section. [4] CO 5

3. A compound cylinder of inner diameter 200 mm, outer diameter 300 mm and diameter at the junction 250 mm is required. If the radial pressure at the junction is to be kept at 30 MPa, find the shrinkage allowance. Take $E = 2 \times 10^5$ MPa [4] CO 5

4. A cast iron disc has an inner radius $r_i = 150$ mm and outer radius $r_o = 300$ mm with density, $\rho = 7200$ kg/m³, $\nu = 0.25$, and ultimate stress, $\sigma_u = 170$ MPa. Calculate rpm of the disc at which maximum stress will be equal to σ_u [4] CO 5

5. Find the deflection at the end of a rectangular cantilever beam under a single load W at the end. $W = 100$ Kg, length of beam = 200 cm, cross-sectional width, $b = 3$ cm, height, $h = 5$ cm, $E = 2 \times 10^6$ kg/cm², Poissons' ratio 0.25. [4] CO 6

6. A hollow square section as shown below (Fig.1) is subjected to a torque of 750 Nm. Determine (i) maximum shear stress (ii) Twist per unit length [4] CO 6

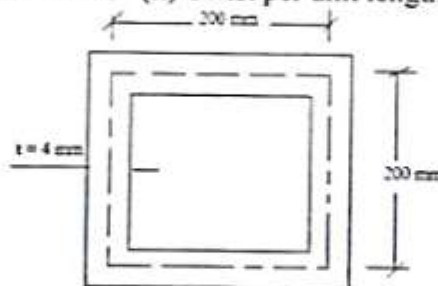


Fig. 1


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GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS
Kandra (Chas) Bokaro, Jharkhand
SECOND MID-TERM EXAMINATION
Subject – Fluid Mechanics & Fluid Machines
B.Tech (Civil Engineering)

FULL MARKS – 20

Attempt any four questions. Question no. 1 is mandatory

IV SEM

TIME – 2 HOURS

Q1. Multiple choice questions:

(5x1mark =5marks)

1. The line of action of the buoyancy force acts through the
 - (a) center of gravity of the submerged body
 - (b) centroid of the volume of the submerged body
 - (c) centroid of the displaced volume of fluid
 - (d) centroid of the horizontal projection of the body
2. Which is of the highest value?
 - (a) 1 bar
 - (b) 105 N/m²
 - (c) 1 atm
 - (d) 100 kPa
 - (e) None of these
3. The specific gravity of a fluid is specified to be 0.82. The specific volume of this fluid is
 - (a) 0.00100 m³/kg
 - (b) 0.00122 m³/kg
 - (c) 0.0082 m³/kg
 - (d) 82 m³/kg
 - (e) 820 m³/kg
4. The temporal acceleration is zero for
 - (a) steady flow
 - (b) uniform flow
 - (c) non-steady flow
 - (d) non-uniform flow
5. Newton's Law of viscosity relates:
 - (a) pressure, velocity and viscosity
 - (b) shear stress and rate of angular deformation in the fluid
 - (c) shear stress, temperature viscosity and velocity
 - (d) pressure, viscosity and rate of angular deformation.

Q2. Derive the resultant hydrostatic force acting on a submerged surface, and determine the location of center of pressure.

(5)

OR

Q3 Differentiate between the following:

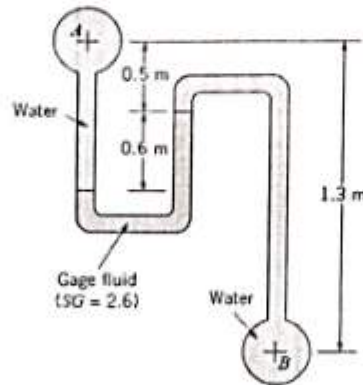
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(5)

- (i) Uniform flow and Steady flow
- (ii) Pathlines and Streaklines.

Q3. Two pipes are connected by a manometer as shown. Determine the pressure difference, $p_A - p_B$, between the pipes (5)



OR

Q4. A Velocity field is given by $\vec{V} = ax^3\hat{i} + bxy^3\hat{j}$, where $a = 1 \text{ m}^2 \text{ s}^{-1}$ and $b = 1 \text{ m}^{-3} \text{ s}^{-1}$. Find the equation of the streamline. (5)

Q5. Determine the total pressure on a circular plate of diameter 1.5 m which is placed in water in such a way that the centre of the plate is 3m below the free surface of water. Also find the position of the centre of pressure. (5)

OR

Q7. Define the following terms: (5)

- (a) Streamlines
- (b) Centre of pressure
- (c) Metacentre
- (d) Capillarity
- (e) Pathlines

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Guru Gobind Singh Educational Society's Technical Campus, Bokaro
Mid SEM II Examination, 2023 (4th Semester)

Subject: Manufacturing Process
Time Allowed: 90Min.

Subject Code: PE401
Full Marks: 20

Candidates are required to give the answers in their own words.
Attempt any four question and Q1 is compulsory

- I. Which of the following are cleaning fluids?
- Emulsions
 - Solvents
 - Alkaline solutions
 - all of the mentioned
- II. Which of the following operation is used to make a ball bearing?
- Upsetting
 - Press forging
 - Roll forging
 - Skew rolling
- III. Angle between side cutting edge and axis of tool is known as:
- Side rake angle
 - Side relief angle
 - Side cutting edge angle
 - Back rake angle
- IV. Which of the following RP system is not developed by 3D systems?
- Stereo lithography Apparatus (SLA)
 - Multi-Jet Modeling System (MJM)
 - Paper Lamination Technology (PLT)
 - Selective Laser Sintering (SLS)
- V. Which of the following is the most widely used casting process for metals
- Die casting
 - Permanent mold casting
 - Centrifugal casting
 - Sand mold casting
- Q2. The useful tool life of an HSS tool, machining mild steel at 25m/min is 5 hours. Calculate the tool life when tool operates at 40m/min.
- Q3. Elaborate the main function of cutting fluids? Mention its types, Functions of Cutting Fluids.
- Q4. In an orthogonal cutting test with a tool of rake angle 10° , the following observations were made: Chip thickness ratio = 0.3 Horizontal component of cutting force = 1290N Vertical component of cutting force 1650N From Merchant's theory, calculate the various components of the cutting forces and the coefficient of friction at the chip tool interface.
- Q.5 Write a short note on:-
- Process parameters
 - Additive manufacturing process
- Q6. Justify cold working of metals. Discuss its advantages and disadvantages?

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**B.TECH/MECHANICAL/6THSEM/ OPERATION RESEARCH
GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL
CAMPUS, BOKARO**

Mid-Term-II Examination 2023

Mechanical Engineering Department

Subject- Operation Research (MEO-607)

Note – All question carry equal marks. Attempt any five questions.

Question (1.) is compulsory

Time: 1.30h

Total marks: 20

(Q-1) Multiple Choice questions

(A.) An assignment problem is considered as a particular case of a transportation problem because

- (A.) The number of rows equals columns
(B.) All $x_{ij} = 0$ or 1 (C.) All rim conditions are 1 (D.) All of the above

(B.) Optimal solution of an assignment problem can be obtained only if

- (A.) Each row & column has only one zero element (B.) Each row & column has at least one zero element (C.) The data is arrangement in a square matrix

(D.) None of the above

(C.) In producing planning and control sequencing problem can be solved using

- A. Gantt chart B. Only Delphi Method
C. Delphi and break even points D. Only Break even points

(D.) _____ or _____ are used to "balance" an assignment or transportation problem

- A. Destinations; sources B. Units supplied; units demanded
C. Dummy rows; dummy columns D. Large cost coefficients; small cost coefficients

(Q.2) Four different jobs can be done on the four different machines and take down time costs are probability high cost over. The matrix below gives the cost in Rs- for producing jobs on the ith on the machine jth

J \ M	M ₁	M ₂	M ₃	M ₄
J ₁	5	7	11	6
J ₂	8	5	9	6
J ₃	4	7	10	7
J ₄	10	4	8	3

(Q3.) The are five jobs each of which must go through the two machines A and B in Order AB.

Jobs	1	2	3	4	5
M ₁	5	1	9	3	10
M ₂	2	6	7	8	4

Find:

- (1.) Sequence of the jobs
(2.) Total Elapsed time and Idle time of machine A and B

(Q4.) Write the dual of the given problems

$$\text{Min } Z = 2x_2 + 5x_3$$

Subject to

$$x_1 + x_2 \geq 2$$

$$2x_1 + x_2 + 6x_3 \leq 6$$

$$x_1 - x_2 + 3x_3 = 4$$

$$x_1, x_2, x_3 \geq 0$$

(Q5.) Write the step for solving assignment problem by Hungarian method

(Q.6) Write shorts notes

(a.) Difference between transportation and assignment model

(b.) Dual Vs Primal

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Mid-Term-II Examination 2023

Mechanical Engineering Department
Subject- Theory of Machine (ME-401)

Time: 1.30h
Total marks: 20

*Note – All question carry equal marks. Attempt any five
Question no. (1.) is compulsory*

(Q-1) Multiple Choice Questions

(A.) Number of Instantaneous centre of 5-link mechanism

- (a) 10 (b) 2 (c) 5 (d) 1

(B.) According to Aronhold Kennedy's theorem, if three bodies move relative to each other, their instantaneous centers will lie on a

- (a) Straight line (b) parabolic curve
(c) Ellipse (d) circle

(C.) When a slider moves on a fixed link having a curved surface, their instantaneous center lies

- (a.) on their point of contact

(b.) at the center of curvature

(c.) at the center of the circle

(d.) at the pin joint

(D.) The direction of the linear velocity of any point on a link with respect to another point on the same link is

- (A) Parallel to the link joining the points
(b) Perpendicular to the link joining the points
(c.) at 45° to the link joining the points
(d) At 135° to the link joining the points

(Q.2) Draw the velocity Diagram of single slider Crank chain by relative velocity method

(Q3.) Write and Explain the Types of Instantaneous centre

(Q.4.) Discuss and derived the Aronhold Kennedy theorem (Q.5) A link AB is moving in a vertical plane. At certain instant when the link is inclined at 30° to the horizontal, the point A is moving

horizontal at 4m/s, while B is moving vertically upward. Find the velocity of B

(Q.6) Writes shorts notes

(i) Instantaneous centre (ii.) Centrode of instantaneous centre

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Master Routine 2022 Mechanical Department Odd Semester

Days	Semester	1 st	2 nd	3 rd	4 th	Lunch	5 th	6 th	7 th
Time		9.45AM-10.35AM	10.35AM-11.25AM	11.25AM-12.15AM	12.15PM-1.05PM	1.05PM-1.45PM	1.45PM-2.30PM	2.30PM-3.15PM	3.15PM-4.00PM
Monday	3 rd	M-III (MS)	THRMO (MA)	SOM (RP)	ENVSC (DK)	L U N C H	THERMO LAB(MA)		
	5 th	POM (RP)	ICE (BG)	ESM (TBS)	HT (SKP)		ICE LAB (BG)		
	7 th	AIM (RK)	RAC (SKP)	MV (BG)	CAM (DSD)		RAC LAB (SKP)		
Tuesday	3 rd	MATERIL (KA)	THRMO (MA)	SKILL LAB (AP)	FM (TBS)		COMMUNICATION LAB (AP)		
	5 th	HT (SKP)	POM (RP)	ESM (TBS)	ICE (BG)		DME LAB (KA)		
	7 th	PPK (MK)	MV (BG)	RAC (SKP)	CAM (DSD)		PPE (MK)	LIBRARY	
Wednesday	3 rd	M-III (MS)	FM (TBS)	THRMO (MA)	ENVSC (DK)		FM LAB (TBS)		
	5 th	DME (KA)	HT (SKP)	POM (RP)	ICE (BG)		HT LAB (SKP)		
	7 th	AIM (RK)	MV (BG)	CAM (DSD)	GATE CLASSES		INTRNSHIP		
Thursday	3 rd	THRMO (MA)	MATERIL (KA)	FM (TBS)	SOM (RP)		SOM LAB (RP)		
	5 th	POM (RP)	ESM (TBS)	ICE (BG)	DME (KA)		GP (SK)	IR(DSD)	
	7 th	AIM (RK)	CAM (DSD)	PPK (MK)	RAC (SKP)		PROJECT PART-1		
Friday	3 rd	M-III (MS)	THRMO (MA)	SOM (RP)	FM (TBS)		ENVSC (DK)	M-III (MS)	MATERIL (KA)
	5 th	DME (KA)	HT (SKP)	ESM (TBS)	ICE (BG)		DMK (KA)		LIBRARY
	7 th	PPK (MK)	MV (BG)	CAM (DSD)	RAC (SKP)	INTERNSHIP			
Saturday	3 rd	M-III (MS)	FM (TBS)	SOM (RP)	MATERIL (KA)	LIBRARY			
	5 th	ICE (BG)	POM (RP)	DME (KA)	HT (SKP)	ESM (TBS)		GP/SEMINAR	
	7 th	AIM (RK)	RAC (SKP)	PPK (MK)	MV (BG)	PROJECT PART-1			

Signature of

HOD Mechanical

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Dean

Signature of

Director

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Master Routine 2022 Mechanical Department Even Semester

Days	Semester	1 st	2 nd	3 rd	4 th	Lunch	5 th	6 th	7 th
Time		9.45AM-10.35AM	10.35AM-11.25AM	11.25AM-12.15AM	12.15PM-1.05PM	1.05PM-1.45PM	1.45PM-2.30PM	2.30PM-3.15PM	3.15PM-4.00PM
Monday	4 th	TOM (DSD)	FM (BG)	E&I (RV)	ATD (SKP)	L U N C H	TOM LAB (DSD)		
	6 th	AUTO (SKP)	DTS (KA)	SM (BG)	OR (DSD)		SM LAB (BG)		
Tuesday	4 th	ATD (SKP)	EE (MA)	TOM (DSD)	FM (BG)		MP LAB (MK)		
	6 th	SM (BG)	CAD (RK)	AUTO (SKP)	OR (DSD)		AUTO LAB (SKP)		
Wednesday	4 th	MP (MK)	EE (MA)	TOM (DSD)	E&I (RV)		ATD LAB (SKP)		
	6 th	DTS (KA)	AUTO (SKP)	SM (BG)	CAD (RK)		CAD LAB (RK)		
Thursday	4 th	ATD (SKP)	E&I (RV)	FM (BG)	MP (MK)		EXTRA ACTIVITIES (TBS)		
	6 th	CAD (RK)	OR (DSD)	AUTO (SKP)	DTS (KA)		MP LAB (KA)		
Friday	4 th	MP (MK)	ATD (SKP)	TOM (DSD)	FM (BG)		LIBRARY		
	6 th	OR (DSD)	SM (BG)	DTS (KA)	CAD (RK)		LIBRARY		
Saturday	4 th	MP (MK)	EE (MA)	E&I (RV)	EE (MA)		INT/T&T (KA)		
	6 th	CAD (RK)	OR (DSD)	SM (BG)	DTS (KA)		INT/T&T (DSD)		

Signature of

HOD Mechanical

Signature of

Dean

Signature of

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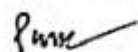
Date -30/12/2022

NOTICE

This is to notify that to exercise general supervision over the academic work of the Institute and to achieve continuous academic excellence, an Academic council is constituted with the following members:-

Sr. No.	Name of the Committee Members	Department	Role
1	Dr. Rajendra Prasad Verma	Dean, Academic & Administration	Chairperson
2	Asstt. Prof., Sumit Kumar Pandey	Prof. In-charge Academic & Administration	Member Secretary
3	Dr. Arun Prasad Burnwal	HOD, BSH	Member
4	Asstt. Prof., Bhaskar Nand	HOD, CSE	Member
5	Asstt. Prof., Uttam Kumar Das	HOD, EEE	Member
6	Asstt. Prof., Kumar Ashish	HOD, ME	Member
7	Asstt. Prof., Vikash Kumar Jain	HOD, MBA	Member
8	Asstt. Prof., Goutam Kumar	HOD, ECE	Member
9	Asstt. Prof., Apurba Sinha	Co-ordinator BCA/BBA	Member

Note:- All member are requested to follow the SOP related to Academic Council.



Director
GGSESTC, Bokaro

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- All HODs
- All Concerned Faculty Members
- IT (System Administrator) for website

For kind information:
Honorable Secretary, GOES




DIRECTOR

GGSESTC, Kandra, Chas
Bokaro Jharkhand-827013

ADDRESS:KANDRA (V), CHAS, BOKARO - 827013, JHARKHAND, INDIA.
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GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS

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Institute Academic Calendar:



GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS

Kandra (V) Chas, BOKARO Steel City, Jharkhand India- 827013

Affiliated to JUT, Ranchi, Jharkhand, Approved by AICTE & MoE, New Delhi

Academic Calendar 2022-23

B. Tech 1st, 3rd, 5th, & 7th Semester:-

Semester	1 st	3 rd	5 th	7 th
Start date	1 st Dec, 2022	26 th November, 2022	8 th September, 2022	10 th September, 2022
Distribution of Assignment	After completion of each unit	After completion of each unit	After completion of each unit	After completion of each unit
Class Test	After completion of each unit	After completion of each unit	After completion of each unit	After completion of each unit
1 st Mid/Project Review	3 rd Jan to 10 th Jan, 2023	15 th Jan to 23 rd Jan, 2023	10 th Nov-16 th Nov, 2022	17 th Oct to 21 st Oct, 2022
1 st Mid Sem Mark Submission & Review	Before 25 Jan, 2023	Before 10 Feb, 2023	Before 30 Nov, 2022	Before 5 Nov, 2022
2 nd Mid/ Project Review	1 st Feb to 6 th Feb, 2023	27 th Feb to 1 March, 2023	5 th Dec to 9 th Dec, 2022	1 st Dec to 6 th Dec, 2022
2 nd Mid Sem Mark Submission & Review	Before 17 Feb, 2023	Before 12 March, 2023	Before 20 Dec, 2022	Before 20 Dec, 2022
Exam Form Fillup & Verification	28 th to 31 st Jan, 2023	18 th Feb to 21 st Feb, 2023	4 th Jan to 7 th Jan, 2023	7 th Dec to 10 th Dec, 2022
Viva Voce Exam Ext./Int.	3 rd Feb to 10 Feb, 2023	23 rd Feb to 2 nd March, 2023	20 th Jan to 23 rd Jan, 2023	14 th Dec to 17 th Dec, 2022
Submission of Ext./Int.	13 th Feb to 20 th Feb, 2023	3 rd to 10 th March, 2023	24 th Jan to 27 th Jan, 2023	19 th to 22 Dec, 2022
End Semester Exam (University Exam)	25 th Feb to 02 March, 2023	20 th March to 31 st March, 2023	9 th Feb to 18 th Feb, 2023	16 th Jan to 25 th Jan, 2023
Conference/Workshop/FDP	3 rd Week of March, 2023	3 rd Week of April, 2023	3 rd week of March, 2023	Last Week of Feb, 2023

B. Tech 2nd, 4th, 6th, & 8th

Academic Calendar 2022-23

Semester	2 nd	4 th	6 th	8 th
Start date	3 rd March, 2023	1 st April, 2023	20 th Feb, 2023	1 st Feb, 2023
Distribution of Assignment	After completion of each unit	After completion of each unit	After completion of each unit	After completion of each unit
Class Test	After completion of each unit	After completion of each unit	After completion of each unit	After completion of each unit
1 st Mid/Project Review	2 nd April to 7 th April, 2023	25 th April to 30 th April, 2023	27 th March to 31 st March, 2023	6 th March to 10 th March, 2023

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1 st Mid Sem Mark Submission & Review	Before 25 April, 2023	Before 10 May, 2023	Before 15 April, 2023	-
2 nd Mid/ Project Review	3 rd May to 9 th May, 2023	22 nd May to 30 th May, 2023	8 th May to 12 th May, 2023	10 th April to 16 th April, 2023
2 nd Mid Sem Mark Submission & Review	Before 25 May, 2023	Before 12 June, 2023	Before 30 May, 2023	-
Exam Form Fillup & Verification	2 nd May to 5 th May, 2023	15 th June to 18 th June, 2023	15 th April to 18 th April, 2023	24 th April to 27 th April, 2023
Viva Voce Exam Ext./Int.	7 th May to 10 th May, 2023	21 st June to 27 th June, 2023	21 st April to 27 th April, 2023	30 th April to 6 th May, 2023
Submission of Ext./Int.	11 th May to 17 th May, 2023	28 th June to 4 th July, 2023	28 th April to 03 May, 2023	07 th May to 13 th May, 2023
End Semester Exam (University Exam)	1 st June to 07 th June, 2023	15 th July to 25 th July, 2023	3 rd June to 12 th June, 2023	15 th May to 25 th May, 2023
Conference/Workshop/FDP	3 rd Week of July, 2023	3 rd Week of Aug, 2023	3 rd week of July, 2023	-

M.B.A.

Academic Calendar 2022-23

Semester	1 st	3 rd	2 nd	4 th
Start date	1 st Dec, 2022	15 th Jan, 2023	3 rd March, 2023	27 th April, 2023
Distribution of Assignment	After completion of each unit	After completion of each unit	After completion of each unit	After completion of each unit
Class Test	After completion of each unit	After completion of each unit	After completion of each unit	After completion of each unit
1 st Mid/Project Review	3 rd Jan to 10 th Jan, 2023	15 th Feb to 23 rd Feb, 2023	02 nd April to 07 th April, 2023	28 th May to 5 th June, 2023
1 st Mid Sem Mark Submission & Review	Before 25 Jan, 2023	Before 10 March, 2023	Before 25 April, 2023	Before 20 June, 2023
2 nd Mid/ Project Review	1 st Feb to 6 th Feb, 2023	22 nd March to 30 March, 2023	03 rd May to 09 th May, 2023	06 th July to 12 th July, 2023
2 nd Mid Sem Mark Submission & Review	Before 17 Feb, 2023	Before 12 April, 2023	Before 25 May, 2023	Before 25 July, 2023
Exam Form Fillup & Verification	28 th to 31 st Jan, 2023	02 nd April to 08 th April, 2023	02 nd May to 5 th May, 2023	29 th July to 4 th Aug, 2023
Viva Voce Exam Ext./Int.	3 rd Feb to 10 Feb, 2023	09 th April to 13 th April, 2023	07 th May to 10 th May, 2023	5 th Aug to 12 th Aug, 2023
Submission of Ext./Int.	13 th Feb to 20 th Feb, 2023	14 th April to 17 April, 2023	11 th May to 17 th May, 2023	13 th Aug to 20 th Aug, 2023
End Semester Exam (University Exam)	25 th Feb to 02 March, 2023	18 th April to 26 th April, 2023	01 st June to 07 th June, 2023	21 st Aug to 28 th Aug, 2023
Conference/Workshop/FDP	3 rd Week of March, 2023	3 rd Week of May, 2023	3 rd week of July, 2023	-

This is as per approval of Director



DIRECTOR
GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

Dean (Academics & Administration)
GGSESTC, Bokaro

(Signature)



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GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS

Kandra (V) Chas, BOKARO Steel City, Jharkhand India- 827013

Affiliated to JUT, Ranchi, Jharkhand, Approved by AICTE & MoE, New Delhi

Academic Calendar 2022-23

BCA/BBA

Semester	1 st	2 nd
Start date	1 st Dec, 2022	3 rd March, 2023
Distribution of Assignment	After completion of each unit	After completion of each unit
Class Test	After completion of each unit	After completion of each unit
1 st Mid/Project Review	3 rd Jan to 10 th Jan, 2023	2 nd April to 7 th April, 2023
1 st Mid Sem Mark Submission & Review	Before 25 Jan, 2023	Before 25 April, 2023
2 nd Mid/ Project Review	1 st Feb to 6 th Feb, 2023	3 rd May to 9 th May, 2023
2 nd Mid Sem Mark Submission & Review	Before 25 Feb, 2023	Before 25 May, 2023
Exam Form Fillup & Verification	28 th to 31 st Jan, 2023	2 nd May to 5 th May, 2023
Viva Voce Exam Ext./Int.	3 rd Feb to 10 Feb, 2023	7 th May to 10 th May, 2023
Submission of Ext./Int.	13 th Feb to 20 th Feb, 2023	11 th May to 17 th May, 2023
End Semester Exam (University Exam)	25 th Feb to 02 March, 2023	1 st June to 07 th June, 2023
Conference/Workshop/FDP	3 rd Week of March, 2023	3 rd Week of July, 2023

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Dean (Academics & Administration)
GGSESTC, Bokaro

Unit

PK
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Bokaro, Jharkhand-827013



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GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS, CHAS, BOKARO EXAMINATION SECTION B.TECH MID - SEMESTER EXAMINATION-(2022)

Notice No. : GGSESTC/EXAM/175/2022

Date : 19/12/2022

Timing : 1st Sitting 10:30AM to 12:00PM
2nd Sitting 2:00PM to 3:30 PM

1st Semester						
Date	Sitting	Mech	Civil	EEE	ECE	CSE
03-01-2023	1st	Maths- I	Maths- I	Maths- I	Maths- I	Maths- I
	2nd	Chemistry- I	Chemistry- I	Chemistry- I	Chemistry- I	BEE
04-01-2023	1st	Physics - I	Physics - I	Physics - I	Physics - I	Physics - I
3rd Semester						
Date	Sitting	Mech	Civil	EEE	ECE	CSE
03-01-2023	1st	Maths - III	Maths - III	Maths - III	Maths - III	Maths - III
	2nd	Materials Engg.	Geo & SM	N.T	N.T	DSA
04-01-2023	1st	FM	C.E.M	EMFT	EMFT	OOP
	2nd	Thermodynamics	Surveying- I	B.E	B.E	B.E
06-01-2023	1st	SOM	SOM	E.M -I	D.E & LD	D.E & LD
	2nd	Env. Sc.	Env. Sc.	Env. Sc.	Env. Sc.	Env. Sc.
5th Semester						
Date	Sitting	Mech	Civil	EEE	ECE	CSE
03-01-2023	1st	Heat Transfer	W.R.E-I	E.M-II	Data Sc.	Compiler Design
	2nd	DME	Geo Tech Engg.	Power Sys-II	MC&ES	CG
04-01-2023	1st	ICE	Steel Str.	Comm. Engg.	DSP	COA
	2nd	POM	Env. Engg	NCES	Digital Comm.	Data Comm.
06-01-2023	1st	ESM	EIA	Control Sys -I	LCS	Web Tech
7th Semester						
Date	Sitting	Mech	Civil	EEE	ECE	CSE
03-01-2023	1st	CAM	Pre Stress Conc.	Smart Grid Tec.	OFC	AI
	2nd	PPE	Adv. Steel Dgn	PPAS	Sat. Comm.	DW&DM
04-01-2023	1st	Mech Vibr	Geo Info. Sys.	DSP	Antenna & Wave Propagation	Crypt
	2nd	AIM	Urban Hydrology	Soft Opti. Tech.	S.C.T	Value & Ethics
06-01-2023	1st	RAC	Railway Engg.	Uti of Elect. Power	Bio-medical & Instru	MMA

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GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS, CHAS, BOKARO EXAMINATION SECTION MBA MID - SEMESTER EXAMINATION - 2022

Notice No. : GGSESTC/EXAM/177/2022

Date : 19/12/2022

Timing : 1st Slot 10:30 AM to 12:00 PM
2nd Slot 2:00 PM to 3:30 PM

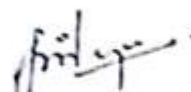
MBA 1st Semester

Date	1st Sitting	2nd Sitting
03-01-2023	Principles & Practices of Mgmt.	Business Statistical Methods
04-01-2023	Accounting for Managers	Marketing Management
05-01-2023	Micro Economics	Macro Economics
07-01-2023	Computer Application for Business	

MBA 2nd Semester

Date	1st Sitting	2nd Sitting
03-01-2023	Organizational Behaviour	Consumer Behaviour
04-01-2023	Financial Management	Human Resource Management
05-01-2023	Business Research Method	Business Communication
07-01-2023	Operation Research	Personality Development & Viva-Voce


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GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS, CHAS, BOKARO
EXAMINATION SECTION
BCA MID - SEMESTER EXAMINATION-(2022)

Notice No. : GGSESTC/ EXAM/ 174/2022

Date : 19/12/2022

Timing : 1st Sitting 10:30AM to 12:00PM
 2nd Sitting 2:00PM to 3:30 PM

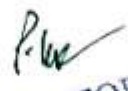
BCA 1st Semester

Date	1st Sitting	2nd Sitting
03-01-2023	Mathematics-I	Fundamentals of Computer & IT
04-01-2023	Problem Solving using C / C++	Digital Electronics
06-01-2023	English	


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EXAMINATION SECTION

BBA MID - SEMESTER EXAMINATION-(2022)

Notice No. : GGSESTC/EXAM/176 /2022

Date : 19/12/2022

Timing :

1st Sitting

10:30AM to 12:00PM

2nd Sitting

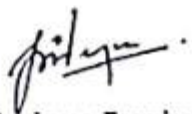
2:00PM to 3:30 PM

BBA 1st Semester

Date	1st Sitting	2nd Sitting
03-01-2023	Principle of Management	Business Communication
04-01-2023	Business Economics .	Introduction of business Accounting
06-01-2023	IT for Managers	Marketing Management


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GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS, CHAS,

BOKARO

EXAMINATION SECTION

MBA MID - SEMESTER EXAMINATION I - 2022

Notice No. : GGSESTC/EXAM/142/2022

Date : 07/10/2022

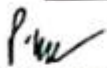
Timing : 1st Slot 10:30AM to 12:00PM
2nd Slot 2:00PM to 3:30 PM

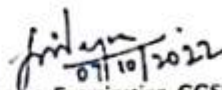
MBA 4th Semester

Date	1st Sitting	2nd Sitting
13-10-2022	Strategic Management	Corporate Finance
14-10-2022	Management of Financial	Sales and Distribution
15-10-2022	Brand Management	Organizational change & Development
17-10-2022	Compensation and Rewards	

MBA 2nd Semester

Date	1st Sitting	2nd Sitting
13-10-2022	Organizational Behaviour	Consumer Behaviour
14-10-2022	Financial Management	Human Resource Management
15-10-2022	Business Research Method	Business Communication
17-10-2022	Operation Research	Personality Development & Viva-Voce


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GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS, CHAS, BOKARO

EXAMINATION SECTION B.TECH MID - SEMESTER EXAMINATION-II-(2022)

Notice No.: GGSESTC/EXAM/145/2022

Date: 30/09/2022

Timing: 1st Sitting 10:30 AM to 12:00 PM
2nd Sitting 2:00 PM to 3:30 PM

Semester: 2nd

Date	Slot	B.Tech 2nd Semester All Branch
10-10-2022	1st	Physics-II
	2nd	Basic Electrical Engineering (Mech/ Civil/ EEE) / Chemistry (CSE/ECE)
11-10-2022	1st	Mathematics-II
	2nd	Programming for Problem Solving
12-10-2022	1st	English

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GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS, CHAS, BOKARO

EXAMINATION SECTION B.TECH MID - SEMESTER EXAMINATION-I-(2022)

Notice No.: GGSESTC/EXAM/135/2022

Date: 06/09/2022

Timing: 1st Sitting 10:30 AM to 12:00 PM
2nd Sitting 2:00 PM to 3:30 PM

Semester: 2nd

Date	Slot	B.Tech 2nd Semester All Branch
12-09-2022	1st	Physics-II
	2nd	Basic Electrical Engineering (Mech/ Civil/ EEE) / Chemistry (CSE/ECE)
13-09-2022	1st	Mathematics-II
	2nd	Programming for Problem Solving
14-09-2022	1st	English

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GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS, CHAS, BOKARO
EXAMINATION SECTION
B.TECH MID - SEMESTER EXAMINATION-II (2022)

Notice No. : GGSESTC/EXAM/ 096 /2022

Date : 08/7/2022

Timing : 1st Sitting 10:30 AM to 12:00 PM
2nd Sitting 2:00 PM to 3:30 PM

4th Sem

Date	Sitting	Mech	Civil	EEE	ECE	CSE
14-07-2022	1st	FM	FM	Analog Elec.	Analog Elec.	OS
	2nd	TOM	Surveying-II	PS-I	Analog Comm.	DAA
15-07-2022	1st	ATD	SA-I	DSA	DSA	FLAT
	2nd	Manu. Process.	CS-I	D.E & LD	MP	DBMS
16-07-2022	1st	Engg. Economics	Engg. Economics	Engg. Economics	Engg. Economics	Engg. Economics
	2nd	EIE	EIE	Mgmt. & Instr.	Signal & System	DM

6th Sem

Date	Sitting	Mech	Civil	EEE	ECE	CSE
14-07-2022	1st	Auto. Engg.	CS-II	Signal & Sys	Microwave	CN
	2nd	Solid Mech.	WRE-II	MPMC	IOT	IOT
15-07-2022	1st	DTS	SA-II	OCS	VLSI	Data Sc.
	2nd	CAD	Highway Engg.	PE	PE	Image Process.
16-07-2022	1st	Operation Res.	IWT	PPE	EMI	Software Engg.

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GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS, CHAS, BOKARO EXAMINATION SECTION B.TECH MID - SEMESTER EXAMINATION - II (2022)

Notice No.: GGSESTC/EXAM/088/2022

Date: 07/06/2022

Timing 1st Sitting 10:00AM to 11:30AM
2nd Sitting 12:15PM to 1:45 PM
3rd Sitting 2:30 PM to 4:00 PM

1st Semester

Date	Sitting	Mech	Civil	EEE	ECE	CSE
14.06.2022	1st	Maths- I	Maths- I	Maths- I	Maths- I	Maths- I
	2nd	Chemistry- I	Chemistry- I	Chemistry- I	HEE	HEE
	3rd	Physics - I	Physics - I	Physics - I	Physics - I	Physics - I

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GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS, CHAS, BOKARO EXAMINATION SECTION B.TECH MID - SEMESTER EXAMINATION - I (2021-2022)

Notice: GGSESTC/EXAM/044/2022

Date: 19/05/2022

Timing 1st Sitting 10:30AM to 12:00PM
2nd Sitting 2:00PM to 3:30 PM

3rd Sem (LATERAL Students only)

Date	Sitting	Mech	Civil	EEE	ECE	CSE
24-05-2022	1st	Maths - III	Maths - III	Maths - III	Maths - III	Maths - III
	2nd	Mat. Sc. & Engg.	Geo & SM	N.T	N.T	DSA
25-05-2022	1st	FM	C.E.M	EMFT	EMFT	OOPs in JAVA
	2nd	Thermodynamics	Surveying- I	EM -I	D.E & LD	D.E & LD
26-05-2022	1st	SOM	SOM	B.E	B.E	B.E
	2nd	Env. Sc.	Env. Sc.	Env. Sc.	Env. Sc.	Env. Sc.

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GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS, CHAS, BOKARO EXAMINATION SECTION B.TECH MID-SEMESTER EXAMINATION-I (2021-2022)

GGSESTC/EXAM/049/2022

Timing: 1st Sitting
2nd Sitting

10:30 AM to 12:00 PM
2:00 PM to 3:30 PM

Date: 02.04.2022

1st Semester						
Date	Sitting	Mech	Civil	EEE	ECE	CSE
08-04-2022	1st	Maths-I	Maths-I	Maths-I	Maths-I	Maths-I
	2nd	Chemistry-I	Chemistry-I	Chemistry-I	Maths-I	Maths-I
09-04-2022	1st	Physics-I	Physics-I	Physics-I	Physics-I	Physics-I

3rd Sem (Lateral Students only)						
Date	Sitting	Mech	Civil	EEE	ECE	CSE
08-04-2022	1st	Maths-III	Maths-III	Maths-III	Maths-III	Maths-III
	2nd	Mat. Sc. & Ergg	Geo & SM	NT	NT	NT
09-04-2022	1st	FM	C.F.M	EMFT	EMFT	EMFT
	2nd	Thermodynamics	Surveying-I	EM-I	DE & LD	DE & LD
10-04-2022	1st	SOM	SOM	BE	BE	BE
	2nd	Env. Sc.	Env. Sc.	Env. Sc.	Env. Sc.	Env. Sc.

4th Sem					
Date	Sitting	Mech	Civil	EEE	CSE
08-04-2022	1st	FM	FM	Analog Elec.	OS
	2nd	TOM	Surveying-II	PS-I	DAA
09-04-2022	1st	ATD	SA-I	DSA	FLAT
	2nd	Manu. Process	CS-I	DE & LD	DBMS
10-04-2022	1st	Engg. Economics	Engg. Economics	Engg. Economics	Engg. Economics
	2nd	EIE	EIE	Mgmt. & Instr.	IDM

6th Sem						
Date	Sitting	Mech	Civil	EEE	ECE	CSE
08-04-2022	1st	Auto. Engg.	CS-II	Signal & Sys	Microwave	CS
	2nd	Solid Mech.	WRE-II	VIPAK	IoT	IoT
09-04-2022	1st	DTS	SA-II	DCS	FM	Data Sc.
	2nd	CAD	Highway Engg	IFE	IFI	Linear Process
10-04-2022	1st	Operation Res.	IWT	ETP	VLSI	Software Engg.

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GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS, CHAS, BOKARO EXAMINATION SECTION

MBA MID - SEMESTER EXAMINATION I - 2021

Notice No.: GGSESTC/EXAM/550/2022

Date: 02/04/2022

Timing: 1st Sitting 10:30 AM to 12:00 PM
2nd Sitting 2:00 PM to 3:30 PM

MBA 1st Semester

Date	1st Sitting	2nd Sitting
08-04-2022	Mgmt. Principles & Practices	Accounting & Fin. Mgmt.
09-04-2022	Organizational Behaviour	Marketing Mgmt.
11-04-2022	Quant. Tech. for Mgmt.	IT for Managers
12-04-2022	Business Communication	—

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GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS, CHAS, BOKARO EXAMINATION SECTION

MBA MID - SEMESTER EXAMINATION I - 2021

Notice No.: GGSESTC/EXAM/550/2022

Date: 02/04/2022

Timing: 1st Sitting 10:30 AM to 12:00 PM
2nd Sitting 2:00 PM to 3:30 PM

MBA 1st Semester

Date	1st Sitting	2nd Sitting
08-04-2022	Principles & Practices of Mgmt.	Business Statistical Methods
09-04-2022	Accounting for Managers	Marketing Management
11-04-2022	Micro Economics	Macro Economics
12-04-2022	Computer Application for Business	—

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Jharkhand University of Technology, Ranchi

MBA 4th Semester Examination 2022 Examination Programme for Theory Paper

Ref. No. : JUT/48/2018-19/44 Ex

Ranchi, Date: 02/11/2022

Time of Exam :- 01:00 PM to 4:00 PM

Sl. No.	Date of Examinations	Name of Subject
1	16.11.2022	Strategic Management (Paper-26)
2	18.11.2022	Corporate Finance (Paper-28)
3	21.11.2022	Sales and Distribution Management (Paper-30)
4	23.11.2022	Management of Financial Derivatives (Paper-29)
5	25.11.2022	Advertising and Marketing Communication (Brand Management) (Paper-31)
6	28.11.2022	Organizational Change and Development (Paper-32)
7	30.11.2022	Enterprise Resource Planning (Paper-34)
8	02.12.2022	Compensation and Rewards (Paper-33)
9	05.12.2022	System Analysis and Design (SAD) (Paper-35)

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Jharkhand University of Technology, Ranchi

B.Tech. 2nd Semester Examination 2022

Examination Programme for Theory Papers.

Ref. No. : JUT/48/2018/1004X/E/2

Ranchi, Date : 06/11/2022

Time of Examinations : 01:00PM to 04:00PM

Sl. No.	Date of Examinations	Subject of Examinations
1	16.11.2022	Physics-II (BSC105)
2	18.11.2022	Basic Electrical Engg (ESC101) + Chemistry-I (BSC102)
3	21.11.2022	Mathematics-II (BSC104)
4	23.11.2022	Programming for Problem Solving (ESC103)
5	25.11.2022	English (HSMC101)

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Jharkhand University of Technology, Ranchi

B.Tech. 2nd Semester Summer Special Examination 2022

Examination Programme of Theory Papers.

Ref. No. : JUT/48/2018/10111/2

Ranchi, Date : 21/10/22

Time of Examinations : 01:30PM to 04:30PM

Sl. No.	Date of Examinations	Subject of Examinations
1	16.11.2022	Physics-II (BSC105)
2	17.11.2022	Basic Electrical Engg (ESC101) + Chemistry-I (BSC102)
3	18.11.2022	Mathematics-II (BSC104)
4	19.11.2022	Programming for Problem Solving (ESC103)
5	20.11.2022	English (HSMC101)

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Jharkhand University of Technology, Ranchi B.Tech. 4th Semester Summer Special Examination 2022 Examination Programme (Theory Papers)

Ref. No.: JUT/2018-19/22/23

(Ranchi, Date: 21/10/22)

Branch/ Specialization	Time of Examinations : 01:30PM to 04:30PM					
	Date of Examinations					
	16-11-2022	17-11-2022	18-11-2022	19-11-2022	21-11-2022	22-11-2022
Civil Engg.	ELECTRONICS & INSTRUMENTATION ENGINEERING (EE401)	SURVEYING & GEOMATICS (CE401)	ELECTRO MECHANICAL ENGINEERING (CE402)	STRUCTURAL ANALYSIS-I (CE403)	CONCRETE STRUCTURE-I (CE404)	EN401, IT402, CE405
Mech. Engg.	ELECTRONICS & INSTRUMENTATION ENGINEERING (EE401)	THEORY OF MACHINES (ME401)	FLUID MACHINES (ME402)	APPLIED THERMODYNAMICS (ME403)	NUMERICAL METHODS (ME404)	EN401, IT402
Production Engg.	ELECTRONICS & INSTRUMENTATION ENGINEERING (EE401)	THEORY OF MACHINES (ME401)	INDUSTRIAL MANAGEMENT & PLANT ENGINEERING (PE402)	DIAGNOSTICS (PE403)	MANUFACTURING PROCESS-I (PE404)	EN401, IT402
Elect. Engg.	POWER SYSTEM-I (EE401)	MEASUREMENT & INSTRUMENTATION (EE402)	ANALOG ELECTRONICS & CIRCUITS (EE403)	DIGITAL ELECTRONICS & LOGIC DESIGN (EE404)	DATABASE STRUCTURE & ALGORITHMS (CS401)	EN401, IT402
E.E.E.	POWER SYSTEM-I (EE401)	MEASUREMENT & INSTRUMENTATION (EE402)	ANALOG ELECTRONICS & CIRCUITS (EE403)	DIGITAL ELECTRONICS & LOGIC DESIGN (EE404)	DATABASE STRUCTURE & ALGORITHMS (CS401)	EN401, IT402
E.C.E.	ANALOG COMMUNICATION (EE402)	SIGNALS & SYSTEMS (EE403)	ANALOG ELECTRONICS & CIRCUITS (EE403)	MICROPROCESSOR & INTERFACING (EE404)	DATABASE STRUCTURE & ALGORITHMS (CS401)	EN401, IT402
C.S.E.	OPERATING SYSTEM (CS401)	DESIGN & ANALYSIS OF ALGORITHMS (CS402)	FORMAL LANGUAGE & AUTOMATA THEORY (CS403)	DISCRETE MATHEMATICS (DM401)	DATABASE MANAGEMENT SYSTEMS (DB401)	EN401, IT402
IT.	OPERATING SYSTEM (CS401)	DESIGN & ANALYSIS OF ALGORITHMS (CS402)	FORMAL LANGUAGE & AUTOMATA THEORY (CS403)	DISCRETE MATHEMATICS (DM401)	DATABASE MANAGEMENT SYSTEMS (DB401)	EN401, IT402
Chemical Engg.	ELECTRONICS & INSTRUMENTATION ENGINEERING (EE401)	ENVIRONMENTAL ENGINEERING & THERMODYNAMICS (CHE401)	INDUSTRIAL CHEMICAL CALCULATIONS (CHE402)	CHEMICAL TECHNOLOGY (CHE403)	TRANSPORT PHENOMENON (CHE404)	EN401
Mining	ELECTRONICS & INSTRUMENTATION ENGINEERING (EE401)	UNDERGROUND COAL MINING METHODS (MN401)	SURFACE MINING METHODS (MN402)	DRIILLING & BLASTING (MN403)	MINE SURVEYING (MN404)	EN401, IT402
Metal	ELECTRONICS & INSTRUMENTATION ENGINEERING (EE401)	PHYSICAL METALLURGY (MET401)	MINERAL ENGINEERING (MET402)	MATHEMATICS-IV (MSC401)	INTRODUCTION TO TRANSPORT PHENOMENA (MET403)	MT401, MT402, EN401
SMIE	NUMERICAL METHODS & ITS APPLICATIONS (MT2201)	HEAT & MASS TRANSFER (MT2202)	PHASE EQUILIBRIUM MATERIALS SYSTEM (MT2203)	IRON MAKING (MT2204)	PHYSICAL METALLURGY-I (MT2205)	METALLURGICAL BEHAVIOR OF MATERIALS (MT2206)

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Jharkhand University of Technology, Ranchi

B.Tech. 1st Semester Summer Special Examination 2022

Examination for Theory Papers

Ref. No.: JUT/AS/2018/10111-5

Ranchi, Date: 12/11/22

Time of Examinations: 09:30 AM to 12:30 PM

Sl. No.	Date of Examinations	Subject of Examinations (New Syllabus)	Subject of Examinations (Old Syllabus)
1	16.11.2022	Mathematics-I (BSC-103) All Branch	Mathematics-I (BSC-103) All Branch
2	17.11.2022	Basic Electrical Engg (BSC-101) Chemistry-I (BSC-102)	Basic Electrical Engg (BSC-101) Chemistry-I (BSC-102)
3	18.11.2022	Physics-I (BSC-101)	Physics-I (BSC-101) (Civil + Metal) (Prod. + Min. + Mech.) (IT + EEE) (ICE + CSE + IT) (Chemical)

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Jharkhand University of Technology, Ranchi

B.Tech. 8th Semester Summer Special Examination 2022

Examination Programme (Theory Papers)

Ref. No.: JUT/AS/2018/10111-8

Ranchi, Dated: 21/10/22

Branch/ Specialisation	Time of Examinations: 01:30 PM to 04:30 PM	
	Date of Examinations	
	16-11-2022	17-11-2022
Manufacturing Engg.	Programme 11-7 Materials Handling Systems & Equipment (MT426)	Programme 11-8 Design & Analysis of Experiments (MT423)
MME	Org. Behaviour & Industrial Psychology (MT4201)	Elective IV Forging Die Design & Manufacturing (MT4262)

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Jharkhand University of Technology, Ranchi B.Tech. 6th Semester Examination 2022 (Revised) Examination Programme (Theory Papers)

Ref. No.: JHUT/2019/8716X

Ranchi, Date: 17/08/2022

Branch Specialization	Time of Examinations : 02:00PM to 05:00PM					
	Date of Examinations					
	22-08-2022	24-08-2022	26-08-2022	29-08-2022	01-09-2022	03-09-2022
Civil Engg.	CONCRETE STRUCTURES (CE601)	STRUCTURAL ANALYSIS II (CE602)	BRIDGE ENGINEERING (CE603)	Professional Elective-II CE604, CE605, CE606, CE607, CE608, CE609	Open Elective-II CE610, CE611, CE612, CE613, CE614, CE615	
Mech. Engg.	MULTI-MECHANICS (ME601)	ADVANCED ENGINEERING (ME602)	DESIGN OF TRANSMISSION SYSTEM (ME603)	Professional Elective-II ME604, ME605, ME606	Open Elective-II ME607, ME608, ME609, ME610	
Production Engg.	MACHINE TOOL DESIGN (PT601)	MANUFACTURING PROCESS-II (PT602)	MODERN MANUFACTURING PROCESS (PT603)	Professional Elective-II PT604, PT605, PT606, PT607, PT608	Open Elective-II PT609, PT610, PT611, PT612, PT613	
Elect. Engg.	POWER SYSTEMS-II (EE601)	POWER ELECTRONICS (EE602)	ADVANCED CONTROL SYSTEMS (EE603)	Professional Elective-II EE604, EE605, EE606, EE607	Open Elective-II EE608, EE609, EE610, EE611, EE612, EE613, EE614, EE615	
I.I.T.	ANALOG AND SYSTEMS (EE601)	POWER ELECTRONICS (EE602)	MICROPROCESSORS & MODERN CONTROLLER (EE603)	Professional Elective-II EE604, EE605, EE606	Open Elective-II EE607, EE608, EE609, EE610	
I.I.T.	Open Elective-II EE601, EE602, EE603, EE604, EE605	Open Elective-II EE601, EE602, EE603, EE604, EE605	INTERNET OF THINGS (EE606)	Professional Elective-II EE607, EE608, EE609	Open Elective-II EE609, EE610, EE611, EE612, EE613, EE614	Open Elective-II EE615, EE616, EE617, EE618
C.N.I.	COMPUTER NETWORKS (CS601)	DATABASE II (CS602)	IMAGE PROCESSING (CS603)	Professional Elective-II CS604, CS605, CS606, CS607, CS608	Open Elective-II CS609, CS610, CS611, CS612, CS613	
I.I.	COMPUTER NETWORKS (CS601)	DATABASE II (CS602)	IMAGE PROCESSING (CS603)	Professional Elective-II CS604, CS605, CS606, CS607, CS608	Open Elective-II CS609, CS610, CS611, CS612, CS613	
Chemical Engg.	PROCESS DESIGN (CH601)	EXPERIMENTATION AND PROCESS CONTROL (CH602)	ADVANCED MASS TRANSFER (CH603)	Professional Elective-II CH604, CH605, CH606, CH607	Open Elective-II CH608, CH609, CH610	
Mining	MINING ENGINEERING (ME601)	ROCK MECHANICS (ME602)	ADVANCED UNDERGROUND MINING MECHANICS (ME603)	Professional Elective-II ME604, ME605, ME606, ME607	Open Elective-II ME608, ME609, ME610, ME611	
Metal	IRON MAKING (MT601)	STEEL MAKING TECHNOLOGY (MT602)	NON-FERROUS TECHNOLOGY (MT603)	Professional Elective-II MT604, MT605, MT606, MT607	Open Elective-II MT608, MT609, MT610, MT611, MT612	
Manufacturing Engg.	QUALITY MANAGEMENT RELATIONSHIP (ME601)	PRINCIPLES OF METAL CUTTING (ME602)	HEAT TREATMENT TECHNOLOGY (ME603)	Professional Elective-II ME604, ME605, ME606, ME607	Open Elective-II ME608, ME609, ME610, ME611, ME612	
MMH	METAL FORMING TECHNOLOGY (MT601)	CORROSION SCIENCE AND PREVENTION (MT602)	EXTRACTING OF NON FERROUS METALS (MT603)	HEAT TREATMENT TECHNOLOGY (MT604)	CHARACTERIZATION OF MATERIALS (MT605)	Open Elective-II MT606, MT607, MT608, MT609, MT610, MT611, MT612, MT613

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B.Tech. 6th Semester Examination 2022 Examination Programme (Theory Papers)

Ref. No. : JUT/48/2019/888 EX

(Ranchi, Date : 04/03/2022)

Branch/ Specialisation	Time of Examinations : 02.00PM to 05.00PM Date of Examinations					
	22-08-2022	24-08-2022	26-08-2022	29-08-2022	01-09-2022	03-09-2022
Civil Engg.	CONCRETE STRUCTURE-II (CE601)	STRUCTURAL ANALYSIS-II (CE602)	BRIDGE ENGINEERING (CE603)	Professional Elective-I (CE604, CE605, CE606, CE607, CE608, CE609)	Open Elective-I (CE610, CE611, CE612, CE613, CE614, CE615)	
Mech. Engg.	SOUD METALLURGY (ME601)	ADVANCED ENGINEERING (ME602)	DESIGN OF TRANSMISSION SYSTEM (ME603)	Professional Elective-II (ME604, ME605, ME606)	Open Elective-II (ME607, ME608, ME609)	
Production Engg.	MANUFACTURE TECHNIQUE (PT601)	MANUFACTURING TECHNOLOGY (PT602)	MANUFACTURING PROCESS (PT603)	Professional Elective-III (PT604, PT605, PT606, PT607, PT608)	Open Elective-III (PT609, PT610, PT611, PT612, PT613)	
Elect. Engg.	POWER SYSTEMS- II (EE601)	POWER ELECTRONICS (EE602)	ADVANCED CONTROL SYSTEMS (EE603)	Professional Elective-IV (EE604, EE605, EE606, EE607, EE608)	Open Elective-IV (EE609, EE610, EE611, EE612, EE613, EE614, EE615)	
E.E.T.	SIGNALS AND SYSTEMS (EET601)	POWER ELECTRONICS (EET602)	MICROPROCESSOR & SIGNAL CONVERTER (EET603)	Professional Elective-V (EET604, EET605, EET606)	Open Elective-V (EET607, EET608, EET609, EET610, EET611)	
E.C.T.	MICROWAVE ENGINEERING (ECT601)	VEHICULAR (ECT602)	POWER ELECTRONICS (ECT603)	Professional Elective-VI (ECT604, ECT605, ECT606)	Open Elective-VI (ECT607, ECT608, ECT609)	
C.S.T.	COMPUTER NETWORKS (CS601)	DATA SCIENCE (CS602)	IMAGE PROCESSING (CS603)	Professional Elective-VII (CS604, CS605, CS606, CS607, CS608)	Open Elective-VII (CS609, CS610, CS611)	
I.T.	COMPUTER NETWORKS (IT601)	DATA SCIENCE (IT602)	IMAGE PROCESSING (IT603)	Professional Elective-VIII (IT604, IT605, IT606, IT607, IT608)	Open Elective-VIII (IT609, IT610, IT611)	
Chemical Engg.	PROCESS DESIGN (CHE601)	DESIGN OF HEAT EXCHANGERS (CHE602)	ADVANCED TRANSPORT (CHE603)	Professional Elective-IX (CHE604, CHE605, CHE606, CHE607, CHE608)	Open Elective-IX (CHE609, CHE610, CHE611)	
Mining	MINE ENVIRONMENTAL ENGINEERING (ME601)	ROCK MECHANICS (ME602)	ADVANCED UNDERGROUND MINING (ME603)	Professional Elective-X (ME604, ME605, ME606, ME607, ME608)	Open Elective-X (ME609, ME610, ME611)	
Metal	SPRING DESIGN (MET601)	ADVANCED FORMING (MET602)	ADVANCED METALLURGY (MET603)	Professional Elective-XI (MET604, MET605, MET606, MET607, MET608)	Open Elective-XI (MET609, MET610, MET611)	
Manufacturing Engg.	CRANES AND HOISTS (ME601)	PRODUCTION TECHNOLOGY (ME602)	HEAT TREATING TECHNOLOGY (ME603)	Professional Elective-XII (ME604, ME605, ME606, ME607, ME608)	Open Elective-XII (ME609, ME610, ME611)	
MME	ADVANCED ELECTRONICS (MME601)	COMPUTER GRAPHICS (MME602)	ADVANCED ELECTRONICS (MME603)	Professional Elective-XIII (MME604, MME605, MME606, MME607, MME608)	Open Elective-XIII (MME609, MME610, MME611)	

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JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI
Diploma 4th Semester "AND" Part - II Mining Examination - 2022
(Theory Examination Programme)

Roll No. / Seat No. / Date

DATE	19.07.2022	20.07.2022	22.07.2022	23.07.2022	25.07.2022	26.07.2022	28.07.2022	29.07.2022
Program	Time: 2:00 PM to 5:00 PM except some Sub, net							
CIVIL ENG	Concrete Technology (ITE-407)	Concrete Technology (ITE-407)	Hydrology (ITE-408)	Theory of Structures (ITE-409)	Transportation Engineering (ITE-404)	-	-	-
Mech Eng	Theory of Machine (MEC-405)	Manufacturing Technology (MEC-402)	Theory of Engineering (MEC-404)	Control Engineering (MEC-406)	Fluid Mechanics & Machine (MEC-403)	-	-	-
Auto Eng / Mech Eng Auto	Theory of Machine (MEC-405)	Automotive System (AUT-404)	Thermal Engineering (MEC-404)	Automotive Manufacturing Process (AUT-402)	Auto Engineering Drawing (AUT-403)	-	-	-
Electrical/ECE	Network Theory (ELE-402)	Electrical Machine I (ELE-403)	Digital Circuits & Microprocessor (ELE-404)	Elect. Estimation & Costing (ELE-405)	Power Systems-I (ELE-406)	-	-	-
E.C.E.	Digital Technology & Microprocessor (ELE-402)	Computer Hardware & Peripheral (ELE-403)	Communication Systems (ELE-404)	Data Communication and Computer Networking (ECE-405)	Control Systems (ECE-406)	-	-	-
CSE / CSE/IT / CSE/IT	Data Structure & Algorithm (CSE-402)	Computer Hardware & Peripheral (ECE-403)	Operating Systems (CSE-403)	Data Communication and Computer Networking (ECE-405)	Data Base Management System (CSE-404)	-	-	-
Metallurgy	Basic Metallurgy Technology (MET-402)	Iron Making (MET-403)	Non Ferrous Metallurgy (MET-404)	Mechanical Metallurgy (MET-405)	Corrosion & Chemical Analysis (MET-406)	-	-	-
AAS	Contemporary Arch (AAA-402)	Land Usage Arch (AAA-403)	Building Services I (AAA-404)	Town Planning & Building Regulations (AAA-405)	Climatology (AAA-406)	-	-	-
Food Tech.	Technology of Cereals & Pulses (FTC-402)	Technology of Milk, Poultry, Fish and Non-Alcoholic Beverages (FTC-403)	Technology of Meat, Fish, Poultry Product and Non-Alcoholic Beverages (FTC-404)	Food Fermentation Technology, Bakery and Confectionery Technology (FTC-405)	Preservation of Food, Energy, Health and Functional Foods (FTC-406)	-	-	-
Part II Mining	Mining Methods - Open cast Mining (ME-201)	Economics and Field Geology (ME-202)	Engineering Mechanics (ME-203)	Mine Surveying - II (ME-204)	Rock Engineering & Ground Control (ME-205)	Mine Ventilation (ME-206)	Mining Machinery - I (ME-207)	Environmental Studies (ME-208)

Controller of Examinations
JUT Ranchi

DIRECTOR
GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013



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GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS

Approved by AICTE, New Delhi, Ministry of HRD, Govt. of India :: Affiliated to Jharkhand University of Technology, Ranchi

Jharkhand University of Technology, Ranchi

3rd Semester Examination 2022

Examination Programme of MBA

Ref. No. : JUT/45/2018/G1 & 2

(Ranchi, Date : 25/05/22)

Branch	Specialization	Time of Examinations : 01:00PM to 04:00PM				
		Date of Examinations				
		07.06.2022	08.06.2022	09.06.2022	10.06.2022	11.06.2022
MBA	Finance	Business Law (Paper-14)	Business Ethics and Corporate Governance (Paper-15)	Supply Chain Management (Paper-16)	Management of Financial Services (Paper-18)	Investment & Portfolio Management (Paper-19)
	Marketing	Business Law (Paper-14)	Business Ethics and Corporate Governance (Paper-15)	Supply Chain Management (Paper-16)	International Marketing (Paper-20)	Consumer Behaviour (Paper-21)
	HR	Business Law (Paper-14)	Business Ethics and Corporate Governance (Paper-15)	Supply Chain Management (Paper-16)	Industrial Relations And Labour Laws (Paper-22)	Recruitment Selection & Training (Paper-23)
	IT	Business Law (Paper-14)	Business Ethics and Corporate Governance (Paper-15)	Supply Chain Management (Paper-16)	RDBMS (Relational Database Management System) (Paper-24)	Business Data Communication (Paper-25)

Controller of Examinations
JUT, Ranchi

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Jharkhand University of Technology, Ranchi

B.Tech. 7th Semester Examination 2022 (Revised)

Examination Programme (Theory Papers)

Ref No. - JUT-2022-13000

Month: Date: 13-03-2022

Branch	Time of Examination : 8:00PM to 10:00PM					
	Date of Examination					
	23-03-2022	24-03-2022	25-03-2022	26-03-2022	27-03-2022	28-03-2022
Civil Engg.	Professional Exam I (CE001) (CE002) (CE003)	Professional Exam II (CE004) (CE005) (CE006)	Open Exam III (CE007) (CE008) (CE009)	Open Exam IV (CE010) (CE011) (CE012)	—	Advanced Tech (CE013)
Mech. Engg.	Professional Exam I (ME001) (ME002) (ME003)	Professional Exam II (ME004) (ME005) (ME006)	Open Exam III (ME007) (ME008) (ME009)	Open Exam IV (ME010) (ME011) (ME012)	—	Automation in Manufacturing (ME013)
Production Engg.	Professional Exam I (PE001) (PE002) (PE003)	Professional Exam II (PE004) (PE005) (PE006)	Open Exam III (PE007) (PE008) (PE009)	Open Exam IV (PE010) (PE011) (PE012)	—	Production Planning & Control (PE013)
Elect. Engg.	Professional Exam I (EL001) (EL002) (EL003)	Professional Exam II (EL004) (EL005) (EL006)	Open Exam III (EL007) (EL008) (EL009)	Open Exam IV (EL010) (EL011) (EL012)	—	Principles of Power Apparatus (EL013)
E.E.E.	Professional Exam I (EL001) (EL002) (EL003)	Professional Exam II (EL004) (EL005) (EL006)	Open Exam III (EL007) (EL008) (EL009)	Open Exam IV (EL010) (EL011) (EL012)	—	Principles of Power Apparatus (EL013)
E.C.E.	Professional Exam I (EL001) (EL002) (EL003)	Professional Exam II (EL004) (EL005) (EL006)	Open Exam III (EL007) (EL008) (EL009)	Open Exam IV (EL010) (EL011) (EL012)	—	Optical Fiber Communication (EL013)
C.S.E.	Professional Exam I (EL001) (EL002) (EL003)	Professional Exam II (EL004) (EL005) (EL006)	Open Exam III (EL007) (EL008) (EL009)	Open Exam IV (EL010) (EL011) (EL012)	—	Artificial Intelligence (EL013)
I.T.	Professional Exam I (EL001) (EL002) (EL003)	Professional Exam II (EL004) (EL005) (EL006)	Open Exam III (EL007) (EL008) (EL009)	Open Exam IV (EL010) (EL011) (EL012)	—	Artificial Intelligence (EL013)
Chemical Engg.	Professional Exam I (CE001) (CE002) (CE003)	Professional Exam II (CE004) (CE005) (CE006)	Open Exam III (CE007) (CE008) (CE009)	Open Exam IV (CE010) (CE011) (CE012)	—	Chemical Plant Management (CE013)
Mining	Professional Exam I (ME001) (ME002) (ME003)	Professional Exam II (ME004) (ME005) (ME006)	Open Exam III (ME007) (ME008) (ME009)	Open Exam IV (ME010) (ME011) (ME012)	—	Mine Legislation & Safety Engineering (ME013)
Metall.	Professional Exam I (ME001) (ME002) (ME003)	Professional Exam II (ME004) (ME005) (ME006)	Open Exam III (ME007) (ME008) (ME009)	Open Exam IV (ME010) (ME011) (ME012)	—	Fracture Mechanics (ME013)
Manufact. Engg.	Professional Exam I (ME001) (ME002) (ME003)	Professional Exam II (ME004) (ME005) (ME006)	Open Exam III (ME007) (ME008) (ME009)	Open Exam IV (ME010) (ME011) (ME012)	—	Fracture Mechanics (ME013)
SEITE	Professional Exam I (ME001) (ME002) (ME003)	Professional Exam II (ME004) (ME005) (ME006)	Open Exam III (ME007) (ME008) (ME009)	Open Exam IV (ME010) (ME011) (ME012)	—	Fracture Mechanics (ME013)

Controller of Examinations (B)
JUT, Ranchi

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Jharkhand University of Technology, Ranchi
B.Tech, 7th Semester Examination 2022 (Revised)
Examination Programme (Theory Papers)

Ref. No. : 21/04/2021/1536		Time of Examinations : 01:00PM to 04:00PM					
Branch / Specialization	Date of Examinations						
	23-02-2022	25-02-2022	26-02-2022	01-03-2022	04-03-2022	07-03-2022	
Civil Engg.	Professional Elective - III (A) 150214CEP001A (P) (P) 150214CEP001A (P)	Professional Elective - IV (A) 150214CEP001A (P) (P) 150214CEP001A (P)	Open Elective - III (A) 150214CEP001A (P) (P) 150214CEP001A (P)	Open Elective - IV (A) 150214CEP001A (P) (P) 150214CEP001A (P)	—	Advanced Steel Design (A) 150214	
Mech. Engg.	Professional Elective - III (A) 150214MEP001A (P) (P) 150214MEP001A (P)	Professional Elective - IV (A) 150214MEP001A (P) (P) 150214MEP001A (P)	Open Elective - III (A) 150214MEP001A (P) (P) 150214MEP001A (P)	Open Elective - IV (A) 150214MEP001A (P) (P) 150214MEP001A (P)	—	Assessment of Manufacturing (A) 150214	
Production Engg.	Professional Elective - III (A) 150214PEP001A (P) (P) 150214PEP001A (P)	Professional Elective - IV (A) 150214PEP001A (P) (P) 150214PEP001A (P)	Open Elective - III (A) 150214PEP001A (P) (P) 150214PEP001A (P)	Open Elective - IV (A) 150214PEP001A (P) (P) 150214PEP001A (P)	—	Production & Planning & Control (A) 150214	
Elect. Engg.	Professional Elective - III (A) 150214EEP001A (P) (P) 150214EEP001A (P)	Professional Elective - IV (A) 150214EEP001A (P) (P) 150214EEP001A (P)	Open Elective - III (A) 150214EEP001A (P) (P) 150214EEP001A (P)	Open Elective - IV (A) 150214EEP001A (P) (P) 150214EEP001A (P)	—	Protection of Power Systems (A) 150214	
E.E.E.	Professional Elective - III (A) 150214EEP001A (P) (P) 150214EEP001A (P)	Professional Elective - IV (A) 150214EEP001A (P) (P) 150214EEP001A (P)	Open Elective - III (A) 150214EEP001A (P) (P) 150214EEP001A (P)	Open Elective - IV (A) 150214EEP001A (P) (P) 150214EEP001A (P)	—	Power Electronics (A) 150214	
E.C.E.	Professional Elective - III (A) 150214ECP001A (P) (P) 150214ECP001A (P)	Professional Elective - IV (A) 150214ECP001A (P) (P) 150214ECP001A (P)	Open Elective - III (A) 150214ECP001A (P) (P) 150214ECP001A (P)	Open Elective - IV (A) 150214ECP001A (P) (P) 150214ECP001A (P)	—	Open Elective Common to all (A) 150214	
C.N.E.	Professional Elective - III (A) 150214CNEP001A (P) (P) 150214CNEP001A (P)	Professional Elective - IV (A) 150214CNEP001A (P) (P) 150214CNEP001A (P)	Open Elective - III (A) 150214CNEP001A (P) (P) 150214CNEP001A (P)	Open Elective - IV (A) 150214CNEP001A (P) (P) 150214CNEP001A (P)	—	Artificial Intelligence (A) 150214	
I.T.	Professional Elective - III (A) 150214ITP001A (P) (P) 150214ITP001A (P)	Professional Elective - IV (A) 150214ITP001A (P) (P) 150214ITP001A (P)	Open Elective - III (A) 150214ITP001A (P) (P) 150214ITP001A (P)	Open Elective - IV (A) 150214ITP001A (P) (P) 150214ITP001A (P)	—	Artificial Intelligence (A) 150214	
Chemical Engg.	Professional Elective - III (A) 150214CEP001A (P) (P) 150214CEP001A (P)	Professional Elective - IV (A) 150214CEP001A (P) (P) 150214CEP001A (P)	Open Elective - III (A) 150214CEP001A (P) (P) 150214CEP001A (P)	Open Elective - IV (A) 150214CEP001A (P) (P) 150214CEP001A (P)	—	Chemical Plant Maintenance (A) 150214	
Minning	Professional Elective - III (A) 150214MEP001A (P) (P) 150214MEP001A (P)	Professional Elective - IV (A) 150214MEP001A (P) (P) 150214MEP001A (P)	Open Elective - III (A) 150214MEP001A (P) (P) 150214MEP001A (P)	Open Elective - IV (A) 150214MEP001A (P) (P) 150214MEP001A (P)	—	Mineral Processing (A) 150214	
Metals	Professional Elective - III (A) 150214MEP001A (P) (P) 150214MEP001A (P)	Professional Elective - IV (A) 150214MEP001A (P) (P) 150214MEP001A (P)	Open Elective - III (A) 150214MEP001A (P) (P) 150214MEP001A (P)	Open Elective - IV (A) 150214MEP001A (P) (P) 150214MEP001A (P)	—	Foundry Technology (A) 150214	
Manufact. Engg.	Professional and Manufacturing Engineering (A) 150214	Summer Semester Evaluation (A) 150214	Summer Semester Evaluation (A) 150214	Special Feasibility Processes (A) 150214	Refrigeration & Air Conditioning (A) 150214	Composites Engineering (A) 150214	
AI/ML	Computer and Software Control (A) 150214	Industrial Engineering and Manufacturing (A) 150214	Engineering Economics (A) 150214	Elective - III Machine Tools (A) 150214	Elective - III Control Systems (A) 150214	Composite Materials (A) 150214	

Controller of Examinations (UET)
M. T. House

Exam
Phol 12/2022

DIRECTOR
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BOKARO, JHARKHAND

Affiliated to JUT, Ranchi, Jharkhand, Approved by AICTE & MOE, New Delhi

Ref. No: Notice/ 03B /2023

Date: 11.03.2023

Notification for Board of Studies

Department of Mechanical Engg.

The feedback from different stakeholders such as faculty members, industry employers, students, parents, alumni's, may be submitted by BOS to JUT Ranchi, which may upon evaluation make suggestions suitable for enhanced industry recruitment of students in meeting with BOS for Syllabus.

The committee is constituted as under

Sl. no.	Name and profile of Member	Designation
1.	Dr. Bikash Ghosal, (Prof. Mech GGSESTC)	Chair Person
2.	Dr. Priyadarshi Jaruhar, (Director GGSESTC)	Management Representative
3.	Dr. Ujjwal Nayak, (Associate Prof. BIT Sindri)	Co-opted Member
4.	Er. Bharat Bhushan, (Assistant Manager Sail Bokaro)	Industry Expertise
5.	Asst. Prof. Kumar Ashish, (HOD ME Dept.)	Member
6.	Asst. Prof. Daya Shankar Diwakar, (Asst. Prof. ME Dept.)	Member
7.	Asst. Prof. Sumit Kumar Pandey, (Asst. Prof. ME Dept.)	Member

This is as per the approval of Director, GGSESTC, Bokaro.

11/3/23

Dean (A & A)

Dr. Rajendra Prasad Verma

Copy to:-

- Dean, Academic & Administration
- Administration & Law Officer
- All Concerned Member
- IT (System Administrator) for website

For kind information

Honorable Secretary, GGES.



DIRECTOR
GGSESTC, Kandra, Chas
Bokaro, Jharkhand-827013

